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MEMOIRS

OF THE

GEOLOGICAL SURVEY

OF

GREAT BRITAIN,

AND OF THE

MUSEUM OF PRACTICAL GEOLOGY.

MINING RECORDS.

MINERAL STATISTICS OF THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND FOR 1853 AND 1854.

BY

ROBERT HUNT, F.R.S.

KEEPER OF MINING RECORDS.

PUBLISHED BY ORDER OF THE LORDS COMMISSIONERS OF HER MAJESTY'S TREASURY.

LONDON:

PRINTED FOR HER MAJESTY'S STATIONERY OFFICE.

PUBLISHED BY

LONGMAN, BROWN, GREEN, AND LONGMANS.

1855.

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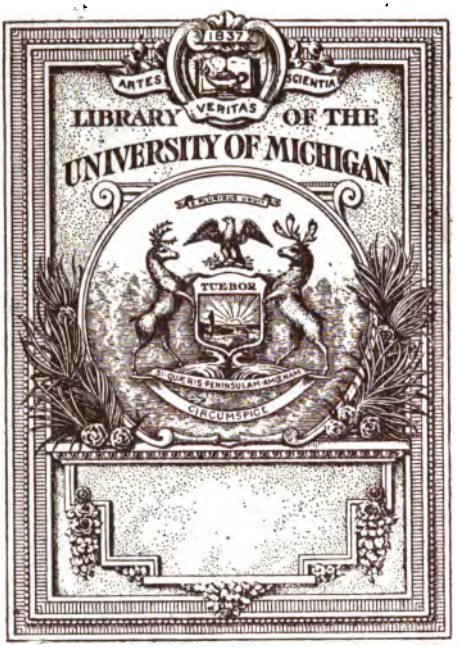

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NOTICE.

INCONVENIENCE having been experienced on the part of authors who have had occasion to consult or refer to the publications issued by the Geological Survey in consequence of the different titles under which they have appeared and the changes which have been made in the style and title of the Museum now placed under my direction, I herewith give notice, that in future every printed work connected with the Survey will appear under the general title of "Memoirs of the Geological Survey," such being the earliest general designation employed by Sir H. T. De la Beche. The subsidiary titles are to be printed in a minor and distinct character, and will at once indicate whether the Memoir which follows illustrates "Field Surveys," "Mining Records," "The Decades of Organic Remains," "Museum," "Lectures," or "Catalogues."

The special subject of each Memoir, and the date of its publication, will also be printed on the title page. The Memoir now issued, or the Mining Statistics of the United Kingdom for 1853 and 1854, by Mr. Robert Hunt, is the first example of this method of embracing all the works under the one and original title.

RODERICK IMPEY MURCHISON,
Director General.

July 17, 1855.

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MEMOIRS

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MINERAL STATISTICS

FOR

1853 and 1854;

EMBRACING THE PRODUCE OF

TIN, COPPER, LEAD, AND SILVER,

FOR BOTH YEARS,

OF

IRON; COALS, AND OTHER MINERALS

for 1854,

THE

EXPORTS AND IMPORTS,

THE POPULATION EMPLOYED,

AND A

LIST OF THE COLLIERIES OF THE UNITED KINGDOM.

BY

ROBERT HUNT, F.R.S.,

KEEPER OF MINING RECORDS.

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INTRODUCTION.

In Volume 2, Part II., of the *Memoirs of the Geological Survey*, published in 1848, will be found the first Statistical Returns of Lead and Copper, collected for the Mining Record Office. The Records of the School of Mines, Part IV., contain the Continuation of these Returns, with considerable extension, completed to the end of 1852. The present publication embraces, not only the Minerals included in the former Returns, but the production of Coals and of Iron in 1854, with notices of some other sources of our mineral wealth.

The value which many persons, largely interested in our metalliferous industries, placed upon those Mineral Statistics appeared to show the importance of such special and correct information as this Office was enabled to furnish.

With the view of rendering these Statistical Returns yet more complete, an attempt has been made this year to determine, with all possible correctness, the annual production of Coals and Iron.

The difference which exists between the statements made of the amount of our coal production, and that now published, renders it necessary that some information should be

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given of the means adopted to arrive at the present computation.*

Circular letters were distributed over our coal fields, requesting information respecting the produce of the collieries in each district. Of these, a considerable number were returned, giving all the information required.

Every coal-producing county in England and Wales was visited, and personal inquiries made. In each locality travelled over, the aid given by the owners and the lessees of the collieries was beyond what could have been expected. My personal thanks are due to those gentlemen who have, often at great labour to themselves, furnished me with important information. Although not permitted to publish their names, I must be allowed to state that it would have been impossible, without their assistance, to have arrived so nearly at the true productions of our coal fields as is now accomplished.

The quantity of coals shipped from the different ports was readily obtainable from the Returns made to the House of Commons, and from "Browne's Export Lists." Being desirous of obtaining the inland distribution, especial applications were made to all the great railway companies

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* The variations in the estimates made by different authors will be judged of from the followings extracts from their published statements :—

	Tons.
R. C. Taylor, Statistics of Coal, 1848	31,500,000
J. R. McCulloch, Dictionary of Commerce, 1845	34,600,000
Braithwaite Poole, Statistics of British Commerce, 1852	34,000,000
T. Y. Hall, A Treatise on the Extent and probable Duration of the Northern Coal Field, 1854	56,550,000
Ditto, quoting "a particularly careful writer on the subject of the Coal Trade"	52,000,000
Joseph Dickinson, Inspector of Coal Mines, in his Report, 1853	54,000,000

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carrying coals over their lines. In nearly every instance the most detailed information has been placed at the disposal of this Office. The following important railways must be named as having given most valuable assistance:—

London and North Western,
Great Western,
Great Northern,
North Eastern,
Midland,
Manchester, Sheffield, and Lincolnshire,
Caledonian,
Newcastle and Carlisle.

Amongst others, directors or managers of these lines,—Mr. Rawson Barker, of Sheffield; Mr. E. Watkin, of Manchester; Mr. Carbutt and Mr. Kitson, of Leeds; Mr. James Allport, of Derby; Captain Huish; Mr. Seymour Clarke; Mr. C. A. Saunders; and Mr. Stephenson, of London, must be especially acknowledged as having aided, not only in placing the traffic on their own railways in the clearest view, but in obtaining similar information from collateral railway systems.

Through those sources, and others which are respectively named in the Returns, it is believed that a very close approximation to correctness has been obtained.

As it is intended to publish annually a similar document to that now issued, and being desirous of advancing to the utmost degree of correctness, especial information, forwarded to the Mining Record Office, will be always valuable, and any correction from personal knowledge will be especially esteemed.

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For the List of Collieries in the United Kingdom, now for the first time completed, I am greatly indebted to Her Majesty's Inspectors of Coal Mines. Lord Palmerston having directed that those gentlemen should furnish such information as they possessed to this Office, they have most readily obtained for me all the required particulars.

Under the head of Sundry Minerals will be found a few scraps of information, which are inserted with a view of obtaining more exact details of these especial mineral productions at some future period. Under the same head it is hoped we may be enabled eventually to group, Building, Paving Stones, Clays, &c., and thus present to the public annually a complete view of the progress of our Mineral Industries.

R. H.

Mining Record Office,
July 19, 1855.

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STATISTICAL RETURNS OF TIN, COPPER, LEAD, AND SILVER,

FOR

1853.

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1853.

TIN.

TOTAL QUANTITY of TIN ORE raised in DEVONSHIRE and CORNWALL, 8,866 Tons.

The average produce being about 65 per cent., there would be produced of Metallic Tin, about 5,763 Tons. The average value of the TIN ORE was £68 per Ton; its total value therefore was £593,088. The value of TIN in the market being according to its character, from £112 to £118 per Ton, we may estimate the total value of the METALLIC TIN at £700,000.

From about fifty of the principal Tin Mines of Cornwall and Devon, very exact returns have been obtained. For the remainder, the returns, which are supplied to the Mining Journal, with all other available sources of information, have been used. All the returns given are actual sales which have been made; but it is feared that, in some cases, all the sales are not included. The above total may be regarded as very exact.

Name of Mine.	Produce of Black Tin.				Value.		
	Tons.	cwts.	qrs.	lbs.	£	s.	d.
Dolcoath	360	0	0	0	22,680	0	0
Polberro	282	10	0	0	18,998	12	0
Lewis	262	7	1	12	17,816	16	0
Great Polgooth	260	9	3	3	17,745	0	0
Boscundle	217	0	2	24	14,507	15	0
Drake Walls	203	4	3	23	15,397	11	6
Huel Owles	191	0	0	0	13,145	19	3
Tincroft	169	15	3	23	11,114	4	8
Botallack	147	9	0	0	8,656	16	0
Great Work	116	0	0	0	8,094	8	2
West Huel Towan	114	0	0	0	7,886	8	3
Rocks and Treverbyn	99	16	2	0	7,097	3	8
Providence Mines	95	10	2	9	6,443	8	2
Boscean	91	3	1	12	6,439	8	0
Carnbrea	80	0	0	0	4,560	0	0
West Huel Providence	80	0	0	0	4,309	7	3
Trelyon Consols	75	5	0	0	4,569	17	5
Yeoland Consols	72	5	0	0	4,717	9	0
East Margaret	62	19	0	24	4,076	18	11
Huel Sidney	61	0	0	0	3,878	10	6
St. Ives Consols	61	0	0	0	3,506	15	1
Charlestown United	55	0	0	22	3,423	15	10
Rix Hill	54	9	0	0	3,402	11	8
Trevelyan	52	12	1	25	3,418	7	4
Tremayne	44	0	0	0	3,023	13	9
Bottle Hill	42	0	0	0	2,698	15	0
Levant	41	0	0	0	2,861	9	11
Nancekuke	40	0	0	0	887	0	0
Huel Unity Consols	38	12	1	20	2,095	14	2
Huel Reeth	33	3	3	21	1,958	3	9
Great Beam	29	14	2	4	2,408	4	7
Huel Basset	31	0	0	0	2,011	4	6
South Huel Francis	27	3	0	20	1,842	10	7
Huel Kitty (St. Agnes)	27	0	2	3	1,894	19	5
Porkellis United	26	8	0	22	1,611	11	1
Great Huel Vor	26	0	0	0	1,933	8	6
Huel Guskus	22	10	0	0	1,696	9	2
Carried forward	3,693	11	3	15	242,810	8	1

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Name of Mine.	Produce.				Value.		
	Tons.	cwts.	qrs.	lbs.	£	s.	d.
Brought forward	3,693	11	3	15	242,810	8	1
Gawton United	22	0	0	0	1,705	2	8
East Pool	22	0	0	0	1,566	11	4
Bosweddin and Huel Castle	22	0	0	0	1,135	1	8
Huel Enys	18	4	2	14	1,245	17	10
Balnoon	18	0	0	0	1,070	19	1
Condurrow	17	14	1	7	1,057	2	5
Birch Tor and Vitifer	16	10	0	0	1,194	10	0
Balleswidden	15	19	1	9	1,181	16	6
Sydney Godolphin	15	5	0	0	1,061	0	1
Spearne Consols	14	10	0	0	910	0	4
Union	14	2	2	2	1,039	18	7
Lelant Consols	14	0	0	0	1,021	11	3
Great Huel Baddern	13	10	2	17	820	9	0
Huel Uny	13	5	0	0	884	13	10
West Ding Dong	12	14	0	0	821	13	0
Bosorn	10	12	1	15	768	2	3
Huel Robins	10	3	0	16	511	3	6
Phœnix	9	10	0	0	606	0	0
Huel Augusta	9	8	2	1	592	15	0
Huel Carne	9	5	0	0	562	12	0
Fatwork and Virtue	9	0	0	0	594	15	11
East Kit Hill	8	15	0	0	473	10	0
Stray Park	8	10	0	0	533	11	2
Haytor Consols	7	5	0	11	504	2	2
Sithney Huel Buller	7	5	0	0	488	8	1
Georgia Consols	7	2	1	27	426	16	6
Huel Chiverton	7	0	0	0	443	10	6
Huel Friendship	6	10	0	0	448	17	0
Millpool	6	7	3	3	389	7	9
Calstock United Mines	5	6	3	2	275	3	8
United Mines	5	0	0	0	300	9	0
Huel Trebarvah	5	0	0	0	247	16	0
Rosewarne	4	0	0	0	196	18	10
St. Michael Penvil	4	15	0	25	244	14	1
Huel Jane	3	8	0	16	196	7	8
Chyprase Consols	3	5	1	12	205	14	0
Wendron United Mines	3	4	0	19	221	17	9
Creeg-braws	3	1	0	14	268	15	0
Huel Montague	3	0	0	0	174	0	0
Prince Albert Consols	3	0	0	0	194	2	6
Carnyorth	9	0	0	0	163	5	6
Huel Trefusis	2	19	3	10	108	11	3
Trebell	2	12	2	25	179	6	10
Tavistock United	2	5	0	0	136	8	1
East Uny Consols	2	0	0	0	119	8	0
Devon West Beam	1	15	0	0	119	3	9
Huel Maudlin	1	11	0	6	81	10	0
Hawkmoor	1	6	3	16	44	3	11
Penzance Consols	1	8	2	17	106	2	0
Mengearne and Tregunstic	1	5	0	0	75	0	0
Huel Speedwell	0	9	0	0	21	10	6
Huel Harriett	0	9	0	0	19	10	0
Leeds and St. Aubyn	-	-	-		19	6	8
Retanna	0	5	0	0	21	14	3
West Huel Buller	0	3	1	15	9	13	0
Total	4,130	13	0	6	270,620	19	9

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TIN imported in the year ending 1853.

Countries from which imported.	Tin.				Tin Ore and Regulus.			
	Tons.	cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
Holland	587	14	1	11	—			
France	—				19	16	1	10
Portugal	—				6	5	0	20
British Territories in the East Indies, exclusive of Singapore and Ceylon	548	13	2	0	3	19	0	22
Singapore	1,155	15	3	15	—			
China	98	2	0	15	—			
Brazil	20	0	0	0	—			
Peru	73	6	3	15	126	13	3	1
Other Parts	3	7	2	4	—			
Total Import	2,487	0	1	4	156	14	1	25

TOTAL of TIN exported in the year 1853.

	Tons.	cwts.	qrs.	lbs.
British Tin	1,277	0	0	0
Foreign Tin	1,072	10	0	0

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1853.

COPPER.

Copper Ores sold by Public Ticketings in Cornwall.

Mines.	Ore.	Copper.	Amount.	Produce.
	Tons.	Tons. cwts. qrs. lbs.	£ s. d.	
Devon Great Consols -	24,120	1,583 10 2 7	147,281 6 0	6½ 1/16
Huel Buller - -	13,562	850 16 1 24	83,307 16 6	6¼
United Mines - -	11,764	656 14 2 20	62,598 9 0	5½ 1/16
Huel Basset - -	7,207	608 2 0 20	60,638 11 6	8¾ 1/16
Carnbrea - -	7,543	453 0 3 1	43,598 2 0	6
West Caradon - -	4,355	417 0 0 2	42,252 12 0	9½ 1/16
Alfred Consols -	3,977	398 2 1 8	40,386 3 0	10
Tincroft - -	8,765	370 3 0 11	33,103 1 6	4¼
Par Consols - -	4,038	344 3 3 6	33,899 0 6	8½
South Caradon - -	2,871	340 7 1 8	35,040 6 6	11⅞
Fowey Consols - -	4,173	323 19 3 20	31,040 10 0	7¾
Huel Seton - -	4,802	295 17 1 19	29,593 4 6	6⅛ 1/16
Consolidated Mines -	4,724	291 15 2 22	28,637 12 6	6⅛ 1/16
North Pool - -	4,729	283 13 2 3	27,847 17 6	6
North Roskear - -	3,050	223 13 0 7	21,608 13 6	7¼ 1/16
Phœnix - - -	2,068	217 0 3 11	21,509 1 6	10½
South Frances - -	2,652	196 2 3 19	19,517 9 6	7⅝
Perran St. George -	3,820	175 8 2 27	16,149 15 0	4½ 1/16
North Basset - -	2,528	174 9 0 14	17,622 14 0	6⅞ 1/16
Huel Friendship - -	1,733	165 13 3 26	16,913 7 6	9½ 1/16
Hallamanning, and Croft Gothal - -	2,541	165 9 2 0	16,356 15 0	6½
South Tolgus - -	2,522	161 13 2 11	15,847 4 6	6⅜ 1/16
Bedford United -	1,926	139 8 1 12	13,990 11 0	7¼
Holmbush - -	2,091	134 17 3 25	13,002 16 6	6⅜ 1/16
Tresavean - -	3,212	129 10 1 23	11,461 10 0	4
Condurrow - -	1,844	125 18 1 16	12,533 10 6	6¾ 1/16
Creegbraws - -	2,062	119 8 2 15	11,473 4 0	5¾
West Seton - -	1,938	108 19 1 22	10,098 1 6	5⅝
Hingston Downs -	1,259	107 9 1 8	11,014 15 0	8½
West Basset - -	1,438	106 15 3 22	10,709 18 0	7⅜ 1/16
East Pool - -	2,157	98 11 3 1	9,068 2 0	4½ 1/16
Huel Arthur - -	1,270	95 10 1 3	9,481 0 6	7½
Botallack - -	1,001	93 8 1 19	9,248 8 6	9¼ 1/16
Carried forward -	147,792	9,956 18 2 4	966,831 11 0	

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Copper sold by Public Ticketings in Cornwall during the year 1853—*continued.*

Mines.	Ore.	Copper.				Amount.			Produce.
	Tons.	Tons.	cwts.	qrs.	lbs.	£	s.	d.	
Brought forward -	147,792	9,956	18	2	4	966,831	11	0	
East Huel Crofty -	1,655	92	10	2	18	9,288	18	6	5½ 1/16
Marke Valley - -	2,466	92	2	0	7	8,664	19	6	3¾
Levant - -	1,627	91	5	1	21	8,141	5	0	5⅝
Great Day United -	1,236	82	11	0	2	8,831	2	6	5⅝ 1/16
West Treasury - -	1,317	82	7	3	12	8,258	16	0	6¼
Camborne Vean - -	1,590	81	5	1	4	7,718	8	0	5⅛
Treviskey - -	1,226	79	2	0	4	8,089	4	6	6⅜ 1/16
Pembroke and East Crinnis	1,177	71	14	0	26	6,831	10	0	6 1/16
West Damsel - -	1,165	66	9	1	10	6,292	0	0	5⅝ 1/16
Huel Clifford - -	650	59	2	1	25	6,237	9	6	9 1/16
Dolcoath - - -	1,040	51	17	3	27	4,920	0	6	5
Great Huel Alfred -	727	51	4	3	3	4,920	13	0	7 1/16
South Crinnis - -	550	50	0	1	27	4,873	5	0	9 1/16
Huel Comfort - -	1,286	37	14	1	27	2,918	19	6	2⅞ 1/16
Tavy Consols - -	648	37	10	2	21	3,516	4	6	5¾
North Downs - -	471	36	2	3	21	3,508	7	0	7⅝ 1/16
Gonamena - -	391	35	18	3	23	3,609	0	0	9⅛ 1/16
South Crenver - -	834	35	15	3	19	3,124	12	6	4¼
Huel Crebor - -	438	32	6	0	4	3,261	18	6	7⅜
Huel Trebarvah - -	466	27	15	2	22	2,758	11	6	5⅞ 1/16
North Damsel - -	322	23	18	3	19	2,359	8	6	7⅜ 1/16
Bodmin United -	266	23	13	3	9	2,363	4	0	8⅞ 1/16
Huel Speedwell -	333	23	10	3	22	2,369	5	6	7 1/16
East Crowndale - -	286	22	15	3	3	2,209	1	0	7⅜ 1/16
West Fowey Consols -	256	22	3	1	7	2,181	17	0	8⅝ 1/16
Huel Ellen - -	451	21	14	2	4	2,036	18	6	4⅜ 1/16
Huel Franco - -	500	21	9	0	27	1,958	6	0	4¼ 1/16
West Alfred Consols -	471	21	8	3	18	2,017	10	0	8⅜ 1/16
Crane and Bejawsa -	242	21	8	0	18	2,105	8	0	8⅜ 1/16
Huel Messer - -	430	20	6	0	22	1,960	3	0	4⅝ 1/16
Callington Killy Bray -	376	19	17	2	16	1,876	4	0	5¼
North Huel Robert -	208	19	4	1	5	1,834	0	0	9¼
Treleigh Consols -	343	19	3	3	27	1,750	0	0	5½ 1/16
Tywarnhayle - -	375	18	14	0	21	1,766	8	6	5
West Providence -	158	17	17	2	21	1,967	2	0	11¼ 1/16
Carried forward -	179,769	11,469	4	2	6	1,113,951	12	6	

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Copper Ore sold by Public Ticketings in Cornwall during the year 1853—*continued.*

Mines.	Ore.	Copper.				Amount.			Produce.
	Tons.	Tons.	cwts.	qrs.	lbs.	£	s.	d.	
Brought forward -	173,769	11,469	4	2	6	1,113,351	13	6	
Trethellan - -	517	17	1	0	19	1,528	19	6	3¼
Prideaux Wood -	407	15	12	3	16	1,318	19	0	3⅜ 1/16
Huel Guskus - -	236	15	12	3	11	1,545	2	0	6⅝
West Huel Alfred -	303	14	18	2	26	1,396	4	0	4⅞ 1/16
Perran United - -	360	14	16	3	22	1,126	10	6	4⅛
Huel Tremayne - -	289	14	15	2	8	1,557	6	0	5⅛
St. Aubyn and Grylls -	180	14	15	0	25	1,386	19	6	8⅛ 1/16
Carvannall - -	189	14	13	2	8	1,478	4	6	7¾
Providence Mines -	244	14	11	2	2	1,406	1	0	6
East Huel George -	165	13	18	2	7	1,356	4	6	8⅜ 1/16
Huel Busy - -	230	11	10	2	14	994	12	0	5
Huel Russell - -	167	10	0	2	4	938	15	6	6
Huel Trefusis - -	113	9	2	2	4	929	7	6	8⅛
Cooks Kitchen - -	240	9	2	1	5	753	9	6	3¾ 1/16
Feock Regulus - -	86	8	17	3	0	914	8	6	10⅜
Huel Squire - -	82	8	9	3	11	909	13	6	10⅜
East Seton and Huel Maud	148	8	0	2	2	775	12	6	5⅜ 1/16
Huel Carpenter -	72	7	16	0	9	781	9	0	10¾ 1/16
Huel Jewell - -	136	7	9	0	6	695	7	6	5¼
Huel Vyvyan - -	124	7	5	2	14	650	14	0	5⅞
Great Huel Leisure -	159	7	2	1	3	653	3	6	4⅜ 1/16
Boscaswell Downs -	109	6	18	0	13	593	16	6	6¼ 1/16
Camborne Consols -	62	6	14	2	8	709	10	6	10⅞
Great Onslow Consols -	150	6	1	2	11	621	3	0	4 1/16
Gustavus Mines - -	89	5	16	0	8	576	16	6	6½
Devon and Courtney -	81	5	14	1	5	627	0	6	7
East Russel - -	60	5	12	3	18	524	10	6	9⅜ 1/16
Huel Brewer - -	133	5	11	3	0	468	4	6	4⅛ 1/16
Hawks Point - -	177	5	7	0	25	489	5	6	3
Hawks Moor - -	86	5	7	0	16	543	4	0	6¼
Sundries - -	2,831	145	9	2	22	13,471	16	0	5⅛
Total -	181,944	11,913	12	0	12	1,155,167	3	6	Mean 6½

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COPPER ORE sold in SWANSEA by PUBLIC TICKETINGS in the year 1853.

Mines.	Ore.	Copper.	Amount.	Produce.
	Tons.	Tons. cwts. qrs. lbs.	£ s. d.	
Cobre	9,141	1,668 10 0 12	175,769 18 6	18¼
Cuba	3,829	585 9 3 13	61,962 14 6	15¼
Bearhaven, Co. Cork	5,868	582 7 1 19	58,528 7 0	9⅞ 1/16
Knockmahon, Co. Waterford	3,373	352 1 0 21	38,559 13 6	10⅜ 1/16
Santiago	786	161 12 1 23	16,976 17 0	20½ 1/16
Chili	407	157 3 0 4	13,807 13 6	38⅝
Copiapo	796	154 8 3 7	18,408 19 0	19⅜ 1/16
Montreal	893	128 19 1 21	15,123 3 0	14⅜ 1/16
Kapunda	499	115 5 2 19	11,620 4 6	23⅛
Holyford, Tipperary	550	100 16 1 9	10,104 4 0	18¼ 1/16
Burra Burra	445	67 7 1 26	7,060 2 6	15⅛
Ballymurtagh, Wicklow	1,326	57 13 2 14	5,724 1 6	4⅜
Kaw-aw	104	41 9 3 21	5,491 6 0	39⅞ 1/16
Spanish Ore	535	34 6 3 3	3,176 6 6	6⅜ 1/16
Havannah	302	33 17 3 0	3,424 11 6	11¼
Australian	87	26 9 2 14	2,817 11 6	30⅜ 1/16
Malaga	547	24 11 2 0	2,148 8 0	4½
Waterloo Slag	534	23 17 0 25	2,139 15 0	4⅜ 1/16
New Zealand	160	23 11 3 22	2,606 15 0	14¾
French Slag	335	20 16 2 21	1,963 7 0	6¼
Algiers	205	19 15 3 16	2,027 3 6	9⅝ 1/16
Carthage	205	16 16 2 16	1,882 9 0	8¼
Gyfron, N. Wales	79	12 16 0 20	1,443 10 0	16⅛ 1/16
Great Barrier	83	12 14 2 11	1,627 17 0	15⅜
Cronebane, Wicklow	121	11 18 2 12	1,196 11 0	9⅞
Connoree, Wicklow	40	11 0 0 4	1,088 2 0	27⅝
Tunckillo	51	8 15 3 22	1,063 7 0	17¼
German Ore	186	8 7 0 8	829 9 6	4½
Baltimore	153	7 16 1 0	716 9 0	5⅛
Glo'ster Slag	75	6 17 2 0	625 0 0	9⅛
Molland	105	6 15 2 27	723 0 0	6½
African	25	6 2 3 21	598 17 0	24⅝
Penclawdd, Wales	196	5 4 1 7	371 1 6	2⅝ 1/16
Galway	54	5 2 2 5	471 15 0	9½
Glasgow Slag	177	5 0 2 26	346 6 0	2⅞
Sundries	702	52 17 1 23	5,437 2 0	7½
Total	32,974	4,559 0 0 8	477,861 18 6	13¼ 1/16

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In addition to the foregoing, the following Quantities were purchased by private contract.

	Ore.	Copper.			
	Tons.	Tons.	Cwt.	Qrs.	lbs.
Vivian and Sons - - -	7,272	1,196	2	0	19
Freeman and Company - -	503	279	1	1	13
Sims, Willyams, and Company -	2,750	424	4	3	9
Williams, Foster, and Company -		913	0	0	0
Mines, Royal Company - -	111	14	10	0	0
Amlwch - - - -		586	1	0	1
Ravenhead Copper Company - -	5,904	922	14	2	5
British and Foreign Coal Company -	3,137	241	9	2	17
Do. (Foreign) - - -	2,693	558	14	3	6
Grenfell and Sons - - -	2,263	548	6	1	19
Copper Miners' Company - -		190	15	3	6
	24,633	5,875	0	2	11

We have not the means of separating in this quantity the British from the Foreign Ores with much exactness; probably not more than 3,000 tons were produced in the British Islands.

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Copper imported into the United Kingdom in 1853.

Ore.	Regulus.	Cast Copper.	Old Copper.	Bars, Rods, &c.	Plates, Coin, &c.	Manufactures.	
						Entered before 4th June at Value.	Entered from 4th June by Weight.
Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	£ s. d.	Tons. cwts.
45,285 19	5,107 4	2,376 11	807 13	2,823 15	301 10	4,593 16 10	21 2

Of this imported Copper the following Countries furnished the largest quantities :—

	Ore.	Regulus.	Cast Copper.	Old Copper.	Bars, Rods, &c.
	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.
Cuba	14,606 19	—	—	1 16	—
Chili	13,342 3	4,193 9	631 12	9 0	925 17
Ireland	11,278 0	—	—	—	—
Spain	4,759 5	0 9	151 15	6 1	48 17
Peru	3,373 10	15 10	28 18	11 6	32 0
South Australia	2,676 15	35 14	462 11	3 0	580 17
New Zealand	1,322 10	—	—	—	—
British North American Colonies	949 4	—	—	3 2	—
France	906 4	680 19	25 2	2 15	12 8
British Territories in the East Indies	607 13	0 13	0 2	7 7	3 14
British West Indies and British Guiana	561 15	—	—	21 14	—
Van Diemen's Land	540 0	—	—	18 3	—
Gibraltar	253 15	1 5	—	6 15	1 19
Algeria	251 10	—	—	—	—
Holland	205 1	—	3 7	146 12	0 4
Norway	161 17	—	3 9	1 14	144 17
Portugal	145 0	—	—	2 17	—
Italy	108 17	—	6 10	11 0	196 13
Tunis	106 2	—	—	—	—
United States of America	104 4	161 4	—	275 14	4 12
New South Wales	86 12	5 0	11 1	11 3	105 1
British Possessions in South Africa	78 10	—	—	13 4	—
West Coast of Africa	66 5	—	0 2	3 19	1 0
Russia Northern Ports	—	—	975 16	1 8	655 15
Hanseatic Towns	—	—	—	107 1	93 6
Belgium	—	—	—	24 10	8 0

Of this quantity there was re-exported—

Ore.	Cast Copper.	Old Copper.	Bars Rods, &c.	Plates and Coin.	Manufactures.	
					Entered before 4th June by Value.	Entered from 4th June by Weight.
Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	£ s. d.	Tons. cwts.
76 8	783 13	22 17	856 0	44 8	2,246 0 0	5 13

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British Copper exported.

Ore.	Bricks, Pigs, &c.	Coin.	Sheets, Nails, Yellow Metal.	Wire.	Wrought Copper of other Sorts.	Total of British Copper exclusive of Ore.
Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.
3 9	4,781 3	46 11	9,804 9	79 16	920 8	15,632 7

Total Produce of Copper from the Mines of the United Kingdom and Foreign Ores smelted at Swansea.

22,347 Tons.

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1853.

LEAD.

PRODUCE of LEAD ORE, LEAD, and SILVER in the UNITED KINGDOM.

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Total of Lead. County.
Tons.		ENGLAND.	Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
	Cornwall	Callington	118 0	71 0	4,118	
		Huel Mary Anne	1,004 19	744 0	40,160	
		Huel Trelawney	979 0	718 0	29,797	
		North Huel Trelawney	5 0	3 0	60	
		Huel Trehane	473 0	311 0	14,574	
		Herodscoombe	—			
		Herodsfoot	715 0	536 0	9,295	
		East Huel Rose	1,357 3	925 0	27,499	
		North Huel Rose	230 13	175 0	5,400	
		Cargol	23 18	13 10	600	
		Oxnams Lands	8 11	2 5	66	
		South Cargol	44 1	30 0	345	
		Truro Charity Lands	28 8	19 0	380	
		Dean and Chapter Lands	—			
		Huel Penhale	230 0	154 0	2,460	
		Huel Golden Consols	457 0	320 0	6,720	
		Huel Rose	—			
		Holmbush	16 10	10 5	368	
		Great Callestock Moors	—			
		Carthew Consols	—			
		Great Huel Baddern	227 0	136 0	3,128	
		Pentire Glaze	273 0	194 0	8,148	
		Nancekuke	250 0	169 0	5,400	
		Huel Albert	—			
		Tregardoc	32 0	14 0	686	
		Huel Venton	—			
		Trefrew	—			
		Huel Constance	21 0	16 0	510	
		Treweatha	78 0	56 0	4,866	
		Wheatley Blue	—			
		Huel Langford	—			
		Huel Wrea Consols	8 0	6 0	120	
		Tregolan	—			
		Tywarnhayle	—			
		Cubert United Mines	70 0	51 10	852	
		Silver Valley and Huel Brothers	—			
		Bodmin Consols	10 0	7 0	78	
6,680		Crow Hill	20 0	8 15	40	4,690
	Devonshire	Tamar	840 0	429 0	36,890	
		Huel Adams	—			
		East Tamar Consols	228 0	166 0	3,964	
		Huel Friendship	—			
		South Tamar Consols	1,068 0	654 0	56,056	
		South Molton Consols	—			
		Huel Exmouth	726 0	472 0	5,980	
		Huel Ex	—			
		Boringdon Consols				
	Carried forward		9,542 3	6,411 5	268560	

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1853—*continued.*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Total of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
	Brought forward		9,542 3	6,411 5	268560	
	Devonshire—*continued.*	Boringdon Park	123 0	56 0	3,310	
		East Boringdon				
		Hennock	29 0	21 0	36	1,798
3,014						
	Cumberland	Browngill	191 1	133 14		
		Rampgill	283 12	198 7		
		Scaleburn	73 5	52 16		
		Carrs and Hanging Shaw	164 12	113 18		
		Capel Cleugh	269 5	189 4		
	Governor and Company Mines.	Small Cleugh	246 3	182 1		
		Middle Cleugh	71 1	49 15		
		Guddamgill	93 8	64 3	13,480	
		Long Cleugh	868 6	607 3		
		Bentyfield Sun Vein	37 5	26 3		
		Cowperdyke Heads	43 6	29 11		
		Tynebottom	48 6	30 0		
		Priorsdale	14 8	8 19		
		Bentyfield Sun, V. E. End	66 0	40 10		
		Brigal Burn	117 12	74 0		
		Flow Edge	4 5	3 0		
		Gutter Gill	0 14	0 5		
		Brownley Hill	800 16	512 5		
		Blagill Vein	69 12	42 10		
		Carrs West of Nent Vein	8 8	6 4		
		Black Syke	38 4	23 10		
		Hudgill Burn	210 14	132 11		
		Farnbury Vein	10 1	7 5		
		Grassfield	57 4	35 9		
		Galligill or Garrigill Syke	71 4	44 7		
		Crag Green, S. V.	2 6	1 15		
		Crag Green, N. V.	1 10	0 18		
	Tynehead Mines	Stow Cragg	13 8	8 0		
		Calvert	10 4	7 0		
		Dosey	3 2	2 0		
		Tees Side	29 16	22 0		
		Clargill Head	17 6	11 0		
		Lady's Vein	2 4	1 10		
		Pedlar Syke	5 5	4 0		
		Force Cragg				
		Keswick Mines	86 0	63 0	250	
		Cross Fell Mine	74 3	55 0		
		Greenside	1,600 0	1,150 0		
		Holyfield	39 15	24 15		
		Nattrass Middle Vein	9 1	5 10		
		Nattrass North Vein	11 2	6 18		
		Coatlithe Hill	0 8	0 5		
		Fourdargue	5 19	3 4		
		Nentsbury Green	5 13	3 3		
		Wellgill Cross Vein	65 16	41 5		
		Lee House Well	2 19	1 15		
		Yadmoss	1 12	1 0		
		Peat Stack Hill	8 12	5 8		
	Carried forward		15,548 16	10,515 1	285636	

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1853—*continued.*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Tons of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
	Brought forward		15,548 16	10,515 1	285636	
	Cumberland—*continued.*	Sunny Side	3 9	2 5		
		Dowpot Syke	0 11	0 6		
		Slote				
		Dowke Burn West End	49 10	30 15		
		Dowke Burn East End	10 10	6 10		
	Caldbeck Mines.	Driggith	252 16	160 0		
		Roughtengill	202 6	135 0		
		Rodderup Fell	1,618 8	1,011 10		
		Low Birchy Bank	21 7	12 18		
		North Grain	1 10	0 17		
		Wood End	30 0	22 0		
		Nent River	0 7	0 4		
		Smittergill Foot Mine				
		Thorngill East Vein	16 0	10 0		
		Thorngill West Vein	7 12	4 15		
		Thorngill Slit	1 0	0 12		
		Park Grove Sun Vein	1 7	1 0		
		Dry Burn				
		Slaggy Burn	4 15	2 15		
		Howgill Syke				
		Windy Brow North Vein	0 12	0 8		
		Smittergill Head Mine				
		Clargill Burn	1 6	0 18		
		Goldscope	266 0	190 0		
		Yewthwaite				
		Blencathara				
8,343		Skiddaw				5,619
	Durham and Northumberland.	East and West Allendale and Weardale	11,916 0	9,904 0	50,700	
	Teesdale Mines.	Coldberry Mine	251 7	2,680 0		
		Coldberry Skears Mine	358 19			
		Lodge Syke Mine	285 2			
		Mannergill Mine	122 2			
		Little Eggleshope Mine	880 4			
		Ashgill Head Mine	1,048 10			
		Red Groves Mine	338 4			
		High Skears Mine	212 14			
		Broadley Hill Mine	50 9			
		East Cow Green Mine	3 11			
		Green Hush Mine	96 6			
		Grasshill Mine	26 16			
		Trough Head Mine	39 6			
		Langdon Mine	8 8			
		Flakebrigg	130 14	81 5		
		Flushamie				
		High Dyke				
		Silver Tongue				
		Derwent Mines	1,330 0	1,000 0	16,600	
		Helaugh Field	375 6	250 0	7,400	
		Stanhope Burn	293 12			
		Hallywell	10 0	7 0		
	Carried forward		35,815 12	26,029 19	360336	

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1853—*continued.*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Tons of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
	Brought forward		35,815 12	26,029 19	360336	
	Durham and Northumberland —*continued.*	Lanehead	22 12	16 4		
		Allergill				
		Bollihope	11 15	8 0		
		Fallowfield	214 12	160 0		
		Whitefield Mines	16 0	11 0		
		Captain Cleugh	24 11	18 0		
		Brandon Walls	90 5	66 0		
		Calves	14 13	10 5		
		Mellowburry	13 15	10 10		
		Settlingstones	960 0	712 0		
		Harehope Gill	62 3	45 0		
19,287		Stonecroft	80 0	62 0		15,041
518	Westmorland	Dufton and Silverband, Hilton, Murton, and Hardshins	518 18	393 4		393
7,681	Derbyshire	Produce of the County as obtained by the Returns from Smelters	7,681 0	4,959 3		4,959
	Shropshire	Snail Beach	2,817 0	2,010 15		
		Bat Holes				
		Bog Mine				
		Rorington				
3,508		White Grit	691 16	517 12		2,528
	Somersetshire	Mendip Hills				
	Yorkshire	Swaledale and Arkendale	4,947 7	3,364 0	*	
		Hurst	274 0	169 16	*	
		Wensleydale Mines	1,185 0	615 0		
		Cononley Mines	772 0	550 0		
		Grassington Mines	2,127 10	1,494 0		
		Pately District	796 0	531 0		
		Kettlewell and Coniston Districts	160 0	110 0		
		Lunehead	31 4	23 4		
10,308		Silverband, &c.	15 4	11 2		6,868
		Total	59,342 17	41,897 14	360336	
		WALES.				
	Cardiganshire	Lisburne Mines	2,752 0	2,066 0	4,000†	
		Cwm-ystwyth	1,026 0	770 0		
		Esgair-Llee	261 9	190 0		
		Cwm-sebon				
	Carried forward		4,039 9	3,026 0	4,000	

* Containing only about 2 oz. Silver to the Ton, the Silver is not separated.

† Frongoch Lead Ore contains from 1½ oz to 2 ozs. of Silver to the Ton; East Logylas from 4 oz. to 5 oz., and in approaching West Logylas the Silver still increases; Cwn-Ystwyth Ore containing only about 1½ oz. to the Ton, the Silver is not separated.

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1853—*continued.*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Total of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
	Brought forward		4,039 9	3,026 0	4,000	
	Cardiganshire—*continued.*	Llawr-cwmbach				
		Llanfair Clydogan				
		Goginan	375 0	273 0	10,025	
		Llettyhen	75 1	56 5		
		Nant-y-creiau				
		Cefn-cwm-brwyno	314 0	236 0	450	
		Bwlch Consols	165 2	97 10	1,258	
		Nanteos	125 0	89 0		
		Coedmawr Pool				
		Court Grange	91 3	68 4		
		Grogwinion	32 0	24 0		
		Brynarian				
		Cwm-erfin	228 0	206 0	4,274	
		Darren	52 19	47 0	1,196	
		East Darren	415 0	312 0	7,885	
		Cwm Darren	19 0	14 0	440	
		Penclayen	147 16	110 17		
		Foxpath	60 18	45 12		
		Cae'gynon	23 19	19 10		
		Bog	5 0	3 15		
		Cae'nant	4 14	3 10		
		Pwll'carreg	4 8	3 6		
		Llech'wedhelig	3 8	2 10		
		Esgair Mwyn	40 19	31 0	99	
		Cwm Darren	18 14	14 0		
		Bronberllan				
		Bronfloyd				
		Graig-goch	80 0	56 0		
		Craigymwyn				
		Alt-y-crib				
		Level Newydd	25 0	18 0		
		Pen-y-cefn				
		Melin-Llyn-pair	45 0	35 0	260	
6,552		Llechwydden	161 5	118 0	590	4,909
	Carmarthenshire	Nant-y-Mwyn	631 9*	481 0		
		Vale of Towy	223 0	162 0		
		St. David				
		Upper Eistedfod	46 15	35 0		
921		North Towey	20 0	14 0	90	692
450	Denbighshire	Minera Mines	450 0	346 0		346
	Flintshire	Talargoch { Maes-yr-erwddu / Coetia Llys }	1,204 0	927 0	8,340	
		Fronfownog	101 0	73 0	380	
		Hendre	40 0	31 0	140	
		Maes-y-safn	1,055 10	823 0	2,970	
		Pen-yr-henblas	134 10	101 0	565	
		Long Rake				
		Milwr	218 0	163 0	1,140	
		Penybryn	52 15	40 10	160	
		Dingle and Deep Level	667 0	500 0	2,000	
	Carried forward		11,396 14	8,606 9	46,262	

* Of this Ore 11 tons 9 cwt, were sold for Potters use.

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1853—*continued.*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Tons of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	
	Brought forward		11,396 14	8,606 9	46,262	
	Flintshire	Parry's Mines				
		Westminster Mines	1,215 0	953 0	2,200	
		Halkin Hall	28 0	31 0	120	
		Bodelwyddan	382 0	268 0	1,740	
		Belgrave	14 0	11 0	30	
		Bryn-steddfod				
		Orsedd				
		Tymaen	43 10	33 0	297	
		Jamaica	236 15	167 12	586	
		Bwlch-gwyn	460 0	354 0		
		Cheney Rake	48 10	36 0	140	
		Aberdune				
		Peoples Brothers				
		Garregboeth	30 0	22 0	120	
		Pant-y-pwlldwr	20 15	15 0	60	
		Pant-y-ffryth	150 10	115 0	690	
		Strong Croft				
		Talacre	279 0	215 0	1,840	
		Holywell Level	355 0	275 0	2,470	
		Lord Hill	46 15	36 0	170	
		Lloc	18 5	13 5	106	
		Merllyn	417 0	312 3	2,800	
		Panty-niwyn or Mold Mines	212 0	159 0	775	
		Plantation	69 5	51 0	510	
7,609		Sundries under 10 Tons	111 0	82 5	365	5,807
	Montgomery-shire.	Chirk Castle	86 0	66 0	264	
		Cae-conroy	56 0	42 0	710	
		Rhos-wydol	155 10	120 0		
		Dwn-gwm or Dyfngwm Craig Rhiwarth	122 10	94 0	330	
		Bryntail	36 0	27 0	510	
		Gorn	14 15	11 10		
		Machynlleth, including Delife	705 10	536 0	2,100	
		Nantmelyn				
		Pen-y-clyn	304 0	131 0		
1,518		Llanerchyrew	38 0	29 0	185	1,056
	Merionethshire	Llanrwst	39 0	30 3		
		Bwlch-y-cyran				
59		Great Cowarch	20 0	15 0		45
20	Glamorganshire	Clive	20 0	13 0	130	13
		Total	17,131 4	12,870 7	65,510	
		IRELAND.				
	Clare	Kilbricken	31 10	22 10	2,416	
		Ballyhicky				
		Annaglough	100 0	77 10		
141		Miltown	10 0	8 0	296	108
26	Monaghan	Tassan (Dundalk)	26 0	16 0		16
	Carried forward		167 10	124 0	2,712	

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1853—*continued.*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Tons of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
	Brought forward		167 10	124 0	2,712	
	Down	Newtownards	1,606 0	1,270 0		
		Conlig				
1,646		Strangford	40 0	31 0		1,301
	Cork	Bantry				
	Galway	Glengola				
		Galway Mines				
	Limerick	Shallee	282 0	180 0	7,020	
		E. Shallee				
282		W. Shallee				180
	Wicklow	Wicklow	85 0	57 0	365	
		Glenmalure				
994		Luganure	909 0	636 7	4,287	693
220	Tipperary	Gurtnadyne	220 0	154 0	3,280	154
	Wexford	Barristown				
		Total	3,309 10	2,452 7	17,664	
		SCOTLAND.				
	Ayrshire	Afton Lead Mines				
310	Argyleshire	Strontian Mines	310 0	239 0	1,070	239
	Kirkcudbrightshire.	Kirkcudbright	148 0	111 0	430	
		Cairnsmore	122 0	91 10	330	
		Woodhead	123 7	92 12	330	
894		Black Craig	501 0	383 0		678
	Perthshire	Breadalbane				
895	Lanarkshire	Lead Hills	895 0	476 14		476
700	Dumfriesshire	Wanlock head	700 0	525 8	3,700	525
		Total	2,799 7	1,919 4	5,860	
		ISLE OF MAN.				
	Isle of Man	Isle of Man Mining Company	1,750 0	1,300 0	18,800	
		Laxey	698 0	520 0	28,130	
		South Manx	12 0	9 0	175	
		Douglas				
2,460		Total	2,460 0	1,829 0	47,105	1,829
		The Welsh ticketings include also the following Foreign and Colonial ores:—				
		Arkansas	14 0	8 10	460	
		British and Colonial	12 10	9 0	159	
		South Australia	14 0	10 0	160	
		Galena from America	38 0	25 0	200	
		Total	78 10	52 10	979	

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SILVER.

ESTIMATE of SILVER produced from the MINES of GREAT BRITAIN and IRELAND in 1853.

County.	Average proportion of Silver in each Ton of Lead.	Silver in each district as returned from actual Assays.	Estimated total Quantity in each District.*	Value at Five Shillings and Sixpence per ounce.†
	Ounces.	Ounces.	Ounces.	£
Cornwall	35	165,670	200,000	55,000
Devonshire	40	106,236	110,000	30,250
Cumberland	9	13,730	50,000	13,750
Durham, Northumberland, and Westmorland	12	74,700	140,000	38,500
Cardiganshire, Carnarvonshire, and Carmarthenshire	15	30,567	60,000	16,500
Flintshire and Denbighshire	7	30,714	50,000	13,750
Montgomeryshire and Merionethshire	6	4,229	5,000	1,375
Ireland	10	17,664	25,000	6,875
Scotland	8	5,860	10,000	2,750
Isle of Man	20	47,105	50,000	13,750
		496,475	700,000	192,500

* This Estimate has been made from numerous approximative returns which have been received. A large quantity of Lead passes into consumption from which the silver is not separated, and so much is mixed with Foreign Ores and smelted that the exact amount cannot be at present determined.

† This I find the present price for pure Silver.

TABLE showing the TOTAL QUANTITY of LEAD ORE raised and smelted in the UNITED KINGDOM in 1853.

	Lead Ore.		Lead.	
	Tons.	Cwts.	Tons.	Cwts.
England	59,342	17	41,897	14
Wales	17,131	4	12,870	7
Ireland	3,309	10	2,452	7
Scotland	2,799	7	1,919	4
Isle of Man	2,460	0	1,829	0
Foreign Ores	78	10	52	10
Total	85,121	8	61,021	2

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LEAD ORE and LEAD IMPORTED and EXPORTED in 1853.

IMPORTED.

	Tons.	Cwts.	Qrs.
Lead Ore - - - -	733	1	0
Pig and Sheet Lead - - -	17,564	8	3
White Lead - - - -	31	12	3

EXPORTED.

	Tons.	Cwts.
Lead Ore - - - -	488	0
Pig and Sheet Lead - - -	14,935	0
Shot - - - - -	1,307	0
Litharge - - - -	316	7
Red Lead - - - -	1,025	13
White Lead - - - -	1,528	8
Foreign Lead re-exported - -	1,438	16

SUMMARY of the PRODUCE of TIN, COPPER, LEAD, and SILVER for 1853, from the MINES of the UNITED KINGDOM, or sold at SWANSEA.

Tin - - - - -	5,763	tons.
Copper, Cornwall and Devon -	11,913	„
„ Ireland } Sold at Swansea -	1,116	„
„ Foreign }	3,442	„
„ By private contract - -	5,875	„
Lead - - - -	61,021	„
Silver - - - - -	700,000	ounces.

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STATISTICAL RETURNS OF TIN, COPPER, LEAD, SILVER, IRON, COAL, AND OTHER MINERALS,

FOR

1854.

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1854.

TIN.

Tons.

TOTAL QUANTITY OF TIN ORE raised in DEVONSHIRE and CORNWALL - - - - - - - - - - 8,747

Of this quantity about 300 tons were raised in Devonshire. The average produce being about 67 or 68 per cent., will give the quantity of metallic tin produced about 5,947 tons; and the average price of the ore 64*l.* per ton. The total value of the ore will be 559,808*l.*

The average of prices of tin throughout the year being for English blocks— £114 0 0 per ton.

Ditto Bars - - 115 0 0 „

Ditto Refined - - 118 0 0 „

we may estimate the total value of the tin produced from the British mines as about 690,000*l.*

(The remarks on the detailed returns for the year 1853 apply equally to this year.)

Name of Mine.	Produce of Black Tin in Tons. cwts. qrs. lbs.	Value. £ s. d.
Dolcoath	363 10 2 12	25,261 2 11
Polberro	263 7 3 19	18,000 0 0
Levant	287 7 0 19	19,540 0 0
Huel Owles	252 12 1 23	16,136 0 0
Drake Walls*	236 0 1 25	18,470 0 0
St. Ives Consols	201 0 0 0	11,500 0 0
Lewis Mines	199 8 1 17	13,754 0 0
Trumpet Consols	196 1 0 25	13,875 3 5
Great Huel Vor United	187 8 1 8	13,090 0 0
Great Work	194 3 3 8	13,866 0 0
Providence Mines	154 18 2 8	10,347 4 1
Huel Lovell	132 4 0 23	9,601 19 11
Boscundle	148 19 1 20	9,400 0 0
Botallack	147 1 0 25	10,842 1 11
Condurrow	122 7 2 6	8,718 0 7
Tincroft	146 4 0 0	8,973 13 1
Boscean	147 11 0 0	10,295 0 1
Porkellis United	118 10 3 14	7,799 14 5
West Huel Towan	100 11 0 26	7,117 11 5
Great Polgooth	96 13 0 0	6,273 15 5
Huel Kitty (St. Agnes)	83 9 0 0	2,826 12 2
Huel Guskus	76 15 3 24	4,950 0 0
Yeoland Consols	75 0 0 0	4,500 0 0
Huel Uny	75 16 0 0	5,698 9 5
Balleswidden	73 12 0 0	5,748 17 6
Leeds and St. Aubyn	63 1 3 0	3,780 0 0
Great Beam	64 0 0 0	4,609 4 6
Cook's Kitchen	50 7 2 11	3,544 11 1
Huel Unity Consols	51 7 0 21	—
Bottle Hill	49 7 2 0	2,907 9 0
East Pool	49 11 2 25	2,852 1 10
Huel Bassett	46 0 0 0	3,220 0 0
Carried forward	4,425 10 0 23	297,498 12 9

* At Drake Walls, Mr. Robert Oxland's process for the separation of wolfram from the ore is employed.

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Name of Mine.	Produce of Black Tin in				Value.		
	Tons.	cwts.	qrs.	lbs.	£	s.	d.
Brought forward	4,425	10	0	23	297,498	12	9
Trelyon Consols	46	18	0	0	3,284	11	4
Spearne Moor	45	10	0	15	2,962	7	8
Huel Enys	38	13	3	0	2,503	0	8
Trevenan Mine	36	2	3	13	2,328	16	11
Huel Trevelyan	35	17	0	0	2,356	15	0
West Providence	33	10	0	0	2,883	0	0
North Levant	33	10	0	0	2,318	15	8
Huel Sidney	32	3	2	12	2,261	19	9
Georgia Consols	28	11	2	11	1,996	2	6
South Speed Mine	26	14	1	26	1,741	5	9
South Huel Francis	22	9	1	12	1,457	10	10
Huel Unity	22	0	0	0	1,283	6	9
Tavistock United	23	10	0	0	1,541	10	0
East Huel Margaret	23	0	0	0	1,676	17	9
Huel Kitty	18	3	0	0	1,187	1	7
Huel Trefusis	17	15	2	6	1,206	2	9
Birch Tor	22	5	0	0	1,443	1	3
East Birch Tor	5	0	0	0	283	0	0
Budnick Consols	17	10	0	0	1,282	3	2
Balleswidden United	16	10	0	0	1,038	19	2
West Huel Jane	15	3	0	0	903	2	8
Trebele	12	3	0	0	776	1	1
Wendron Consols	10	0	0	0	653	15	5
Great Hewas United	13	10	0	0	883	19	10
Huel Bosorn	10	18	3	0	714	0	0
East Uny Consols	12	0	0	0	—		
Huel Augusta	11	10	0	0	727	12	3
Rix Hile	11	0	0	0	634	3	0
Nansegollan	6	5	0	0	350	0	0
Penzance Consols	8	12	0	0	557	15	0
St. Austle Consols	5	20	0	0	322	7	9
Phœnix	5	10	0	0	324	10	0
South Speed	8	0	0	0	499	14	3
Huel Robins	9	0	0	0	497	2	8
Great Huel Baddern	3	15	0	0	271	1	2
Carried forward	5,106	11	1	6	342,367	6	4

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Name of Mine.	Produce of Black Tin in				Value.		
	Tons.	cwts.	qrs.	lbs.	£	s.	d.
Brought forward	5,106	11	1	6	342,367	6	4
St. Aubyn and Grylls	3	10	0	0	224	18	0
Devon Huel Beam	2	0	0	0	139	11	6
Haytor Consols	6	5	0	0	338	9	10
South Yeoland	4	6	2	0	230	12	6
Calstock United	3	9	0	0	149	19	9
Huel Margerey	2	6	1	0	135	17	6
Union	2	0	0	0	164	3	8
Charlestown	2	0	0	0	149	12	6
Huel George	1	10	0	0	106	2	3
Prince Albert	1	0	0	0	60	12	11
Hawkmoor	1	0	0	0	40	2	0
Huel Friendship	2	13	0	0	127	17	0
East Bosorn	1	0	0	0	73	19	6
Holne Moor	0	10	0	0	22	12	6
Wendron United	1	18	2	24	118	8	0
Owlacombe	0	15	0	0	50	18	11
Huel Maudlin	0	10	0	0	34	7	4
Pednandrea	43	0	0	0	108	7	3*
Total	5,186	4	3	2	344,643	19	3

* This parcel of tin ore was sold in the stone, or, in an unprepared state, containing a small proportion of tin compared with the refuse matter.

TIN IMPORTED into the UNITED KINGDOM in the YEAR ending January 1855 from the following places.

——	Tin.		Tin Ore and Regulus.	
	Tons.	cwts.	Tons.	cwts.
Holland	391	12	2	4
British Territories in East Indies	438	18	0	1½
Singapore	1,158	10	1	0
Java	1	9	3	0
China	228	10	—	
Victoria	8	10	53	0
Peru	23	12	7	0
Other Parts	—		0	5
	2,251	1	66	11½

TIN EXPORTED.

	Tons.	Cwts.
British	1,405	14
Foreign	668	16

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1854.

COPPER.

The QUANTITIES of COPPER ORES sold at the COPPER SALES (TICKETINGS) in CORNWALL.

No.	Mines.	Ore.	Copper.				Amount.			Prod.
		Tons.	Tons.	cwts.	qrs.	lbs.	£	s.	d.	
1	Devon Great Consols -	23,174	1,486	2	1	7	143,224	3	6	6⅜
2	Huel Buller - -	12,208	742	1	3	10	74,734	11	6	6 1/16
3	Huel Basset - -	8,378	646	9	1	6	66,024	18	6	7⅝ 1/16
4	United Mines - -	11,827	603	1	1	18	58,668	9	6	5 1/16
5	South Caradon - -	3,006	377	18	3	12	39,986	15	6	12½ 1/16
6	West Basset - -	5,231	376	13	2	3	38,277	10	6	7⅛ 1/16
7	Carn Brea - -	6,231	358	15	3	8	35,455	6	0	5¼
8	West Caradon - -	4,018	351	0	2	2	36,563	16	6	8¾
9	Fowey Consols - -	4,440	347	6	1	7	34,316	2	0	7¼ 1/16
10	Par Consols - -	3,719	342	12	1	12	35,343	12	6	9⅛ 1/16
11	Alfred Consols - -	3,712	337	8	3	22	35,767	15	0	9 1/16
12	Huel Seton - -	4,945	262	19	0	22	25,645	4	0	5¼ 1/16
13	Phœnix - -	3,005	254	4	0	25	26,699	17	0	8⅜ 1/16
14	North Basset - -	2,752	222	1	0	15	22,867	19	6	8 1/16
15	South Frances - -	2,783	221	16	1	6	23,204	15	6	8
16	Hingson Downs -	2,659	215	6	1	10	22,335	4	0	8 1/16
17	Tincroft - -	3,791	207	7	2	8	18,097	1	0	3½ 1/16
18	Botallack - -	1,453	203	16	1	19	21,635	9	0	14
19	North Pool - -	3,499	189	11	0	16	18,791	15	6	5⅜
20	Consolidated Mines -	3,225	171	8	0	10	16,965	18	0	5¼ 1/16
21	North Roskear -	2,216	163	10	0	5	17,042	10	6	7⅜
22	Tresavean - -	3,990	156	14	3	4	14,402	7	6	3⅞ 1/16
23	Halamanning - -	2,508	153	14	2	23	15,481	10	6	6⅛
24	Perran Saint George -	2,971	153	9	1	3	14,464	18	6	5⅛ 1/16
25	West Seaton - -	2,307	153	0	3	23	15,487	13	0	6⅝
26	Bedford United -	2,136	156	10	1	2	15,441	15	6	6⅞
27	South Crinnis - -	1,925	144	6	0	13	14,532	16	0	7½
28	Saint Day United -	2,103	128	6	3	4	13,049	15	6	6⅛
29	Huel Arthur - -	2,417	127	9	3	17	12,528	2	0	5¼
30	Huel Friendship (East)	1,396	127	0	2	10	13,302	19	6	9⅛
31	Pembroke and East Crinnis - -	1,880	120	12	3	10	12,010	15	6	6⅜
32	South Tolgus - -	1,361	114	1	1	12	11,870	18	0	8⅜
33	Condurrow - -	1,490	110	1	3	27	10,003	7	0	6⅝ 1/16
34	East Pool - -	2,034	99	4	3	22	9,455	5	6	4⅞
35	West Huel Damsel -	1,662	96	0	2	19	9,476	6	6	5¾
36	Levant - -	1,589	87	13	1	0	8,201	4	0	5½
	Carried forward -	148,041	10,010	0	0	12	1,001,358	9	6	

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The Quantities of Copper Ore sold at the Copper Sales (Ticketings) in Cornwall—*continued.*

No.	Mines.	Ore.	Copper.	Amount.	Prod.
	Brought forward -	Tons. 148,041	Tons. cwts. qrs. lbs. 100,10 0 0 12	£ s. d. 1,001,358 9 6	
37	Holmbush - -	1,557	83 11 2 16	8,067 6 6	5⅝
38	Marke Valley - -	2,330	80 9 0 13	7,676 6 6	3½
39	Creegbrawse - -	1,339	73 16 1 14	7,243 8 0	5½
40	Perran and Great Huel Leisure - -	1,753	62 5 0 14	5,271 19 6	3½ 1/16
41	South Crenver - -	1,629	58 8 1 19	5,257 19 0	3½ 1/16
42	West Treasury -	913	57 17 2 10	5,843 10 6	5¼ 1/16
43	Rosewarne United -	731	54 0 0 1	5,561 14 6	7⅜
44	Great Huel Alfred -	1,011	52 8 1 25	5,095 18 6	5⅛ 1/16
45	Treviskey - -	756	50 5 1 13	5,151 15 0	6⅝
46	Camborne Vean - -	1,002	48 18 2 4	4,686 12 6	4⅞
47	Huel Charlotte - -	570	46 6 0 4	4,817 14 6	8½
48	Huel Clifford - -	566	46 2 0 21	4,844 6 0	8½
49	Dolcoath - - -	992	45 10 2 4	4,313 10 0	4½ 1/16
50	North Downs - -	543	43 19 0 19	4,582 1 6	8 1/16
51	Sortridge Consols -	445	43 18 3 16	4,542 2 0	9⅞
52	North Huel Crofty -	653	40 9 3 11	4,089 7 0	6½ 1/16
53	Huel Comfort -	1,353	38 16 1 3	3,170 16 6	2⅞
54	Cavannal - -	410	34 12 1 9	3,587 4 0	8⅜
55	East Huel Crofty -	620	33 12 1 15	3,359 17 0	5⅜ 1/16
56	Bodmin United -	505	32 11 1 0	3,319 5 0	6⅜ 1/16
57	West Alfred Consols -	692	29 13 2 14	2,863 13 6	4¼
58	Great Huel Sheba -	786	28 18 2 24	2,476 3 6	3⅝ 1/16
59	Callington Killebray -	430	28 15 2 17	2,850 2 6	6⅝ 1/16
60	North Huel Robert -	408	28 4 3 4	2,782 17 0	6⅞ 1/16
61	Clyjah and Wentworth	428	26 4 2 18	2,644 0 0	6⅛
62	West Providence -	234	25 4 2 24	2,616 11 6	10¾
63	Huel Russel - -	471	24 7 1 17	2,362 18 6	5⅛ 1/16
64	Huel Franco - -	727	24 5 3 26	2,140 14 0	3¼ 1/16
65	West Fowey Consols -	277	23 6 0 4	2,360 19 6	8⅜ 1/16
66	South Huel Crofty -	492	23 5 1 2	2,213 13 6	4¾
67	Tavy Consols - -	396	23 2 0 4	2,234 4 0	5¾ 1/16
68	Huel Messer - -	317	22 6 3 22	2,146 0 6	4¼ 1/16
69	Huel Mary Great Consols	396	22 4 1 27	2,044 4 0	5⅜
70	Huel Trevarvah - -	260	20 18 3 22	2,167 16 0	8 1/16
71	Huel Carpenter - -	205	19 17 0 17	2,047 6 0	9⅞ 1/16
72	Huel Crebor - -	351	19 14 1 2	1,887 16 6	5⅝
73	Boiling Well - -	304	19 8 0 5	1,974 15 0	6⅜
74	Devon and Courtney -	196	17 8 0 19	1,819 0 6	8⅞
	Carried forward -	175,089	11,465 6 2 7	1,143,473 19 6	

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The Quantities of Copper Ore sold at the Copper Sales (Ticketings) in Cornwall—*continued.*

No.	Mines.	Ore.	Copper.				Amount.			Prod.
	Brought forward -	Tons. 175,089	Tons. 11,465	cwts. 6	qrs. 2	lbs. 7	£ 1,143,473	s. 19	d. 6	
75	Providence Mines -	346	17	4	3	21	1,679	7	0	5
76	Hawk Moor - -	243	16	16	2	21	1,698	12	6	$6\frac{7}{8}\frac{1}{16}$
77	Huel Carpenter (Gwinear) - - -	488	16	11	2	5	1,444	7	0	$3\frac{3}{8}\frac{1}{16}$
78	East Crowndale - -	247	16	11	1	27	1,665	13	0	$6\frac{5}{8}\frac{1}{16}$
79	Trethellan - -	442	15	2	0	10	1,351	17	6	$3\frac{3}{8}$
80	West Huel Alfred -	403	14	14	3	9	1,383	4	6	$3\frac{5}{8}\frac{1}{16}$
81	Huel Guskus - -	273	14	0	2	20	1,315	12	6	$5\frac{1}{8}$
82	Huel Trefusis - -	196	13	1	2	21	1,351	9	0	$6\frac{5}{8}$
83	Tywarnhaile - -	200	12	14	3	9	1,267	0	0	$6\frac{3}{8}$
84	Treloweth - -	182	11	18	3	20	1,204	13	6	$6\frac{1}{8}\frac{1}{16}$
85	North Huel Busy -	139	11	7	1	5	1,155	2	0	$8\frac{1}{8}\frac{1}{16}$
86	Boscundle - -	118	10	15	0	11	1,075	9	0	$9\frac{1}{8}$
87	Keneggy - - -	144	10	12	1	2	1,087	17	6	$7\frac{3}{8}$
88	East Huel George -	163	10	7	1	10	994	5	0	$6\frac{1}{4}\frac{1}{16}$
89	Pendarves and Aubyn	125	10	5	1	23	1,066	0	0	$8\frac{1}{8}\frac{1}{16}$
90	Old Huel Basset -	160	10	0	2	7	1,018	5	0	$6\frac{1}{4}$
91	Camborne Consols -	134	9	15	2	25	1,027	4	6	$7\frac{1}{4}\frac{1}{16}$
92	Great Crinnis - -	157	9	4	2	21	879	8	6	$5\frac{7}{8}$
93	Huel Busy - -	205	8	16	1	22	826	18	0	$4\frac{1}{4}$
94	Huel Henry - -	88	7	18	0	4	840	0	0	$9\frac{7}{8}$
95	North Huel Damsel -	91	7	17	1	18	828	3	6	$8\frac{5}{8}$
96	Huel Polberrow -	143	7	14	0	21	747	13	0	$5\frac{3}{8}$
97	Prideaux Wood -	177	7	5	2	2	645	15	0	$4\frac{1}{8}$
98	West Stray Park -	96	7	3	0	7	739	10	6	$7\frac{3}{8}\frac{1}{1}$
99	Unity Wood, East -	66	6	19	3	21	757	8	6	$10\frac{5}{8}$
100	South Bedford Consols	162	6	19	1	7	621	19	6	$4\frac{1}{4}$
101	St. Aubyn and Grylls -	116	6	15	3	17	689	14	0	$5\frac{7}{8}$
102	Treleigh Consols -	119	6	14	0	12	647	13	6	$5\frac{5}{8}$
103	Huel Speedwell -	108	6	10	0	25	662	10	6	6
104	Richards's H. Friendship	104	6	6	3	22	627	3	0	$6\frac{1}{8}$
105	Huel Hellen - -	90	6	3	1	16	621	1	0	$6\frac{3}{4}\frac{1}{16}$
106	Huel Ellen - -	152	6	3	1	2	557	1	6	4
107	Huel Uny - -	110	5	14	3	21	541	9	6	$5\frac{1}{8}\frac{1}{16}$
108	Huel Agar - -	69	5	13	1	4	583	15	0	$8\frac{1}{8}\frac{1}{16}$
109	Huel Unity Consols -	114	5	10	1	10	532	0	0	$4\frac{3}{4}\frac{1}{16}$
110	Huel Abram - - -	324	5	9	0	3	169	4	0	$1\frac{5}{8}\frac{1}{16}$
111	Gonemena - -	50	5	0	0	0	511	5	0	10
	Sundries sold in smaller lots - -	3,225	154	13	1	9	14,407	0	0	$4\frac{3}{4}$
	Total -	184,858	11,979	4	2	21	1,192,696	12	6	$6\frac{3}{8}$

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Copper Ore (British) Sales at Swansea.

Wales.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwts. qrs. lbs.	£ s. d.	
Cwmdyle	93	7 15 3 0	423 6 0	8 2/8
Nant y Car	38	3 16 3 5	313 4 0	10 4/8
Giefron	12	1 19 3 4	205 4 0	16 1/2
Dyliffe	22	1 16 3 0	187 0 0	8
Dyfngrom	25	1 0 0 0	76 5 0	3 7/8
Dulas	8	1 12 2 11	132 9 6	19 7/8
Gilfach	25	2 10 2 0	215 0 0	9
Dhurade	40	1 12 2 11	194 4 0	4
Crafriant	24	2 19 0 0	264 6 0	12
Total	287	25 3 3 3	2,010 18 6	10 1/4

Ireland.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwts. qrs. lbs.	£ s. d.	
Bearhaven	5,030	488 12 3 7	53,348 1 0	9 5/8 1/16
Knockmahon	4,421	434 18 0 22	53,022 13 0	10 7/8 1/16
Holyford	555	97 17 0 23	10,979 4 6	17 5/8 1/16
Ballymurtagh	1,237	55 12 3 6	5,763 9 0	4 1/2
Lackamore	159	13 7 2 20	1,423 18 6	8 3/8 1/16
Cosheen	45	8 4 3 26	905 11 0	18 1/4
Cronebane	58	7 13 2 17	826 11 0	13 1/4
Tigrony	9	3 18 3 20	460 2 6	37 6/8
South Cork	62	4 14 3 16	344 6 0	7 1/8
Ballygahan	53	1 19 2 7	167 14 0	4 2/8
Crookhaven	43	2 0 0 0	194 0 0	5 7/8
Glamore	67	5 13 0 22	617 19 0	8 3/4 1/16
Total	11,739	1,124 13 3 18	128,053 9 6	12 1/4

Devonshire, &c.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwts. qrs. lbs.	£ s. d.	
Poltimore	13	—	—	—
Dart Mine	47	—	—	—
Molland	85	6 2 3 5	625 13 0	7 1/4
Sundry Mines selling small quantities	644	53 12 0 9	5,657 18 6	7 3/8

Slags.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwts. qrs. lbs.	£ s. d.	
British Slag	127	5 4 0 1	406 10 6	4 7/16
Copper Slag	53	6 5 3 14	675 15 0	11 5/8
Glasgow Slag	243	6 18 3 9	459 1 6	2 7/8
Waterloo Slag	373	19 5 1 18	1,710 16 0	5 1/8 1/16
Total	796	37 14 0 14	3,252 2 6	6 1/4

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SUNDRY MINES the ORES of which are not sold at either of the above PUBLIC SALES.

Mines.	Ore.	Amount.
	Tons.	£ s. d.
Coniston Mines - -	3,048	26,611 1 5
Greenbourne - -	140	—
Laxey - - -	64	—
Total -	3,252	—

FOREIGN MINES.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwts. qrs. lbs.	£ s. d.	
Cobre - - -	12,804	2,068 13 3 21	228,247 19 0	16⅛ 1/16
Cuba - - -	3,110	427 19 1 2	47,322 1 6	13¾
Copiapo - - -	1,070	181 15 1 0	20,399 4 0	16⅞ 1/16
Kapunda - - -	732	149 8 0 14	16,785 14 6	20⅜ 1/16
Santiago - - -	785	128 4 1 5	14,207 0 6	16¼ 1/16
African - - -	378	123 3 3 22	13,682 8 0	32¼ 1/16
Peninsular - - -	1,449	99 2 1 18	10,317 9 6	6¾ 1/16
Spanish - - -	687	54 14 3 3	5,717 11 6	7⅞ 1/16
Chili - - -	311	51 8 1 10	3,755 3 6	16½
Montreal - - -	362	46 3 1 11	5,256 5 0	12⅝
Australian - -	102	29 14 1 27	3,277 2 0	29⅛
Norway - - -	285	22 14 3 17	2,445 15 6	8
French Slag - -	523	21 8 0 19	1,815 10 0	4 1/16
Algiers - - -	139	13 10 2 24	1,470 4 0	9¼
German - - -	271	10 4 3 3	958 18 0	3¾
South African - -	32	7 7 3 24	810 2 0	23⅛
Arnsaw - - -	232	6 7 2 9	513 15 0	2¾
Malachite - -	14	6 6 0 0	693 0 0	45
London - - -	34	2 18 3 6	292 19 0	7⅝
Severn - - -	12	4 8 0 0	529 0 0	29
Total -	22,332	3,455 15 0 11	378,497 2 6	16½

PURCHASERS by PRIVATE CONTRACT during the Year.

Mines.	Ore.	Copper.
	Tons.	Tons. cwts. qrs. lbs.
Vivian and Sons - -	8,076	1,292 1 3 15
Freeman and Co. -	1,028	363 13 1 0
Sims, Willyams, and Co. -	2,947	352 16 2 24
P. Grenfell and Sons -	—	664 1 1 19
Williams, Foster, and Co. -	—	1,002 10 0 0
Copper Miners' Company -	—	360 6 2 19
British and Foreign Coal Company - -	5,315	818 19 0 20
Amlwch - - -	—	571 18 3 1
The Ravenhead Company -	7,404	1,067 6 2 15
Total -	24,770	6,493 14 2 1

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Summary of Copper Value.

	Tons.	cwts.	qrs.	lbs.	£	s.	d.
Total produce of English Mines - -	13,042	4	2	21	1,229,807	12	6
Ditto of Irish Mines - -	1,124	13	3	18	128,053	9	6
Ditto of Welsh Mines - -	25	3	3	3	2,010	18	6
Foreign Copper sold at Ticketings - -	3,455	15	0	11	378,498	2	6
Included in Private Contract Sales -	5,426	7	3	14	593,434	0	0
Total - -	23,073	3	1	11	2,331,804	3	0

Copper Imported into the United Kingdom.

	Tons.
Ore - - - - - -	50,940
Regulus - - - - -	6,351
Pigs and bricks - - - - -	1,597
Old copper and yellow metal - - -	912
Bars, rods, &c. - - - - -	1,621
Plates and coin - - - - -	710
Manufactures - - - - -	32

Of this there was exported 1,822 tons.

Copper Exported from the United Kingdom.

	Tons.
Ore - - - - - -	15
Bricks and pigs - - - - -	3,040
Coin - - - - - -	134
Sheet and Nails - - - - -	9,534
Wire - - - - - -	22
Sundry kinds - - - - - -	946

Total export, exclusive of ore, 13,678 tons.

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1854.

LEAD.

PRODUCE of LEAD ORE, LEAD, and SILVER in the UNITED KINGDOM.

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns. Tons	cwt.	Lead Returns. Tons.	cwts.	Silver. Ozs.
Tons.	ENGLAND.						
	Cornwall	Callington	71	0	43	10	2,595
		Huel Mary Anne	1,099	12	706	0	44,470
		Huel Trelawney	782	16	569	0	26,174
		North Huel Trelawney	35	19	20	10	290
		Huel Trehane	*570	9	335	0	14,580
		Tregorden					
		Herodscoombe					
		Herodsfoot	572	10	364	10	8,607
		East Huel Rose	1,215	0	828	5	24,621
		North Huel Rose					
		Cargol	133	0	89	10	1,556
		Oxnams Lands	2	10	1	15	87
		South Cargol	212	0	105	0	978
		Charity Lands					
		Dean and Chapter Lands					
		Huel Penhale	181	0	118	0	1,830
		Huel Golden	494	0	336	0	7,728
		Huel Rose					
		Holmbush					
		†Great Callestick Moors	—		—		—
		Huel Concord					
		Carthew Consols					
		Great Huel Baddern	437	4	335	10	5,795
		Pentire Glaze	205	0	144	0	6,048
		Nancekuke					
		Huel Albert	22	10	17	0	68
		Huel Constance	42	0	28	0	1,148
		Whitleigh	26	0	11	10	790
		Huel Langford					
		Trelogan					
		Trefrew	22	0	17	10	
		Cubert United Silver Lead	160	0	120	0	1,900
		Silver Valley and Huel Brothers					
		Great Crinnis	10	16	4	0	950
		Hendre	100	0	74	0	
		Hope Valley	128	0	98	0	270
		Michell	11	0	8	0	45
		Mount	10	15	8	0	
		Huel Treweatha	331	0	230	0	19,320
		Huel Wrey Consols	214	0	167	0	4,175
		Swanpool	370	0	226	0	5,650
7,460	Carried forward		7,460	1	5,005	10	179,675

* Huel Trehane, 388 tons gave 81 per cent. lead and 40½ oz. silver, and 182 tons 34 per cent. lead and 18½oz. silver.

† Great Callestick Moors, abandoned.

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Produce of Lead Ore, Lead, and Silver in the United Kingdom—*continued.*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns. Tons.	cwts.	Lead Returns. Tons.	cwts.	Silver. Ozs.
Tons.	Brought forward		7,460	1	5,005	10	179,675
	Devonshire	Tamar	882	0	453	0	35,330
		Huel Adams	1,140	0	800	0	15,000
		*Huel Exmouth					
		East Tamar Consols	65	6	50	7	1,075
		Huel Friendship	17	19	12	10	112
		N. Huel Friendship	51	0	32	5	
		Silver Brook	23	15	15	0	
		Thomas United	70	0	54	0	1,810
		Lamerhose	15	0	11	5	135
		South Tamar Consols	1,469	19	964	14	61,950
		South Molton Consols					
		Boringdon Consols	228	3	135	0	
		Birch Aller	13	10	9	0	126
		Boringdon Park	163	0	75	0	3,750
4,139		East Boringdon					
	Cumberland						
		Browngill	204	14	143	2	1,431
		Rampgill	275	18	192	16	1,349
		Scaleburn	114	5	82	13	496
		Carrs and Hanging Shaw	243	2	168	4	673
	Governor and Company's Mines.	Capel Cleugh	280	12	197	3	986
		Small Cleugh	352	16	260	19	1,305
		Middle Cleugh	96	2	68	0	340
		Fletcherat	6	18	4	0	48
		Guddamgill	80	9	53	6	320
6,576	4	Long Cleugh	778	2	534	15	3,743
		Bentyfield Sun Vein	51	7	35	16	358
		Cowperdyke Heads	28	10	19	4	154
		Tynebottom	57	17	36	5	362
		Priorsdale	5	9	3	8	20
		Bentyfield, Sun Vein East End	35	4	23	10	235
		Brigal Burn	113	18	72	10	507
		Dowpot	0	10	0	7	2
		Fore Shield	6	2	4	0	64
		Flow Edge					
		Gutter Gill					
		Brownley Hill	1,722	0	1,106	2	3,871
		Blagill Vein	77	15	52	5	366
		Carrs West of Nent Vein	14	2	9	6	37
		Black Syke	19	6	11	17	142
		Hudgill Burn	214	9	137	0	1,370
		Farnbury Vein	2	8	1	13	11
		Grassfield	22	9	13	12	109
		Galligill or Garrigill Syke	67	12	44	6	532
		Crag Green, North Vein	0	18	0	12	9
		Tynehead					
		Force Cragg					
	Carried forward		16,472	7	10,894	2	317,803

* Huel Adams and Huel Exmouth United; return exclusively from Huel Exmouth, Huel Adams not having produced any in 1854.

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Produce of Lead Ore, Lead, and Silver in the United Kingdom—*continued.*

Total of Lead Ore. — County.	COUNTY.	MINES.	Lead Ore Returns. Tons.	cwts.	Lead Returns. Tons.	cwts.	Silver. Ozs.
Tons.	Brought forward		16,472	7	10,894	2	317,803
	Cumberland— *continued.*	Keswick Mine	45	0	33	10	284
		S. Cross Fell Mine	30	17	22	0	154
	Tynehead Mines.	Stow Craig	23	15	16	0	480
		Tees Side	26	9	18	0	108
		Metal Band	13	6	9	0	54
		Dosey	5	13	3	10	20
		Calvert	15	7	10	0	60
		Lady's Vein	13	4	9	0	54
		East Crop Fell	10	17	7	0	56
	Caldbeck Mines.	Driggith	286	8	195	0	3,900
		Roughtengill	182	19	120	0	2,400
		Fair Hill	14	2	9	17	58
		Shield Well	0	8	0	5	1
		Slaggy Burn	1	15	1	0	5
		Yadmoss	0	3	0	2	
		Greenside	1,600	0	1,100	0	4,400
		Holyfield	18	0	11	6	90
		North Grain Cross Vein					
		West Gill Cross Vein					
		Nattrass Middle Vein	2	15	1	7	11
		Nattrass North Vein	79	12	49	11	396
		Coatlithe Hill					
		Fourdarque					
		Nentsbury Green North Vein	4	16	2	13	21
		Wellgill Cross Vein	28	0	17	0	136
		Park Grove S. Vein	2	8			
		Lee House Well					
		Clargill Head	28	7	17	0	510
		Peat Stack Hill	4	16	1	13	11
		Sunny Side					
		Slote					
		Dowke Burn West End	73	0	51	2	400
		Rodderup Cleugh West End	1,982	0	1,328	0	7,968
		Low Birchy Bank	1	10	0	10	4
		Cald Beck Mine					
		Wood End					
		Smittergill Foot Mine					
		Thorngill Slit	1	0	10	0	40
		Thorngill East Vein	12	10	7	1	35
		Thorngill West End	6	10	4	1	20
		Dry Burn					
		Howgill Syke					
		Windy Brow	0	19	0	12	4
		Claregillhead					
		Smittergill Head Mine*					
		Clargill Burn					
		Gold Scope	365	18	243	0	1,215
		Yewthwaite	35	6	24	12	120
		Brandley, Barrow, and Stoneycroft	78	3	47	11	165
	Carried forward		21,468	0	14,265	5	340,983

* About to recommence working.

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1854—*continued.*

Total of Lead Ore. — County.	COUNTY.	MINES.	Lead Ore Returns.		Lead Returns.		Silver.
Tons.			Tons.	cwts.	Tons.	cwts.	Ozs.
	Brought forward		21,468	0	14,265	5	340,983
	Cumberland—	Kennyside	15	11	10	2	
9,890	*continued.*	Blencathara*					
		Bannerdale	7	0	4	10	
	Durham and Northumberland	East and West Allendale and Weardale	12,220	0	9,200	0	49,000
	Teesdale Mines. 6,576 tons.	Coldberry	607	8	451	12	
		Coldberry Skears	539	16	399	8	
		Lodge Syke	270	11	200	3	
		Manorgill	29	8	21	15	
		Little Eggleshope	2,861	4	2,117	6	
		Ashgill Head	715	10	529	8	
		Red Groves	278	12	206	12	
		High Skears	120	0	84	0	
		New Streak and Broadley Hill					
		Pike Law Armstrong Vein	25	15	15	0	
		Green Hurth	33	18	24	5	
		Hudshopehead	9	11	6	4	
		Wiregill	1,207	4	895	11	
		Grasshill	21	5	14	5	
		Trough Head					
		Willy Hole East Side	36	1	24	8	
		Sundry Mines	7	7	5	8	
		Flakebrigg	43	18	32	8	
		Flushamie	5	15	4	5	
		High Dyke					
		Silver Tongue					
		Derwent Mines	1,000	0	800	0	15,000
		Helaugh Field	420	0	280	0	7,454
	Weardale Mines. 243 tons.	Stanhope Burn	197	11	144	0	
		Hallywell	6	0	4	0	
		Lanehead	3	5	2	10	
		Allergill					
		Bollyhope	45	16	3	0	
		Fallowfield	192	0	144	0	1,353
		Church Burn	16	0			
		Captain Cleugh	42	6	30	0	
		Brandon Walls	64	0	45	0	
		Calves	11	14	8	0	
		Mellowburry					
		Settlingstones	1,120	0	840	0	5,040
22,329		Harehope Gill	8	15	6	0	
		Stonecroft	160	0	125	0	730
		Park	9	5	6	10	
	Westmoreland	Dufton and Silverband, Hilton, Murton, and Hardshins	371	13	281	10	
383		North Stanmore	11	8	8	0	80
7,554	Derbyshire	Return from Smelters	7,554	0	4,508	15	
	Carried forward		51,757	7	35,748	0	419,640

* Produced 4 tons of copper ore only.

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1854—*continued.*

Total of Lead Ore. — County.	COUNTY.	MINES.	Lead Ore Returns. Tons.	cwts.	Lead Returns. Tons.	cwts.	Silver. Ozs.
Tons.	Brought forward		51,757	7	35,748	0	419,640
	Shropshire -	Round Hill - -	83	13	60	0	100
		Snail Beach - -	2,425	0	1,753	0	
		Bat Holes - -	53	7	38	15	
		South Bog - -	20	0	15	10	
		Rorington - -	22	0	17	0	
		Lord Hill - -	27	15	21	0	84
3,797		White Grit - -	800	0	595	0	
		East White Grit -	10	0	7	0	
		Stipperstones - -	50	6	36	5	
		Hope Valley - -	258	13	186	0	
	Yorkshire -	Swale Dale and Arkendale - -	4,817	0	3,276	0	
		Hurst - -	225	0	168	0	
		Wensleydale - -	910	6	682	0	
		Cononley - -	606	0	463	0	
		Grassington (including Yarnbury and Coalgrove Beck -	1,800	0	1,270	0	
		Pately District -	680	0	477	0	
		Kettlewell and Coniston Liberty -	110	0	70	0	
		Lunchead - -					
		Silverband - -					
9,244		Braithwaite - -	96	9	70	0	
		Total -	64,799	11	44,989	10	419,824
		WALES.					
	Cardiganshire -	Lisburne Mines -	2,595	0	1,653	0	
		Cwm-ystwyth - -	1,120	0	840	0	
		Esgair-Llee - -	120	0	92	0	
		Cwm-sebon - -					
		Llawr-cwmbach -	12	0	9	5	37
		Llanfair Clydogan -					
		Goginan - - -	276	0	205	0	7,176
		Llettyhen - -					
		Nant-y-creiau - -					
		Cefn-brwyno -	630	0	446	0	
		Bwlch-Gonsols - -	20	0	14	0	160
		Nanteos - -	112	0	84	10	
		Coedmawr Pool -	7	0	5	0	
		Court Grange - -					
		Grogwinion - -					
		Brynarian - -					
		Cwm-erfin - -	226	0	170	0	4,420
		Darren - -	37	0	28	10	800
		Foxpath - -	16	0			
		Brongwyn - -	179	5	140	0	420
	Carried forward		5,350	5	3,687	5	13,013

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1854—*continued.*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns. Tons.	cwts.	Lead Returns. Tons.	cwts.	Silver. Ozs.
Tons.	Brought forward		5,350	5	3,687	5	13,013
	Cardiganshire—*continued.*	Cefn-mawr	15	15	11	0	
		Penrhyn	23	0	16	5	97
		Welsh Potosi	200	0	155	0	1,286
		East Darren	815	0	607	0	15,782
		Aberyffrwydd	20	0	15	5	
		Esgair Mwyn	115	0	89	0	
		Ceregwynon					
		Cwm Darren					
		Cambrian					
		Bryntail	10	0	7	10	
		Bronberllan					
		Bronfloyd					
		Graig-goch	70	0	50	0	
		Craigymwyn					
		Alt-y-crib					
		Bryngwrog	108	0	85	0	300
		Loveden	60	0	46	0	788
		Caegynon	52	0	37	0	
		Talisien	82	0	62	5	682
		Pen-y-cefn	90	0	63	0	1,470
		Melin-Llyn-pair					
7,034		Lechweddn	23	0	17	5	
	Caernarvonshire	Portmadoc					
	Caermarthenshire	Nant-y-Mwyn	594	0	454	0	
		North	20	0	14	0	
		Vale of Towy	287	0	198	0	
901		St. David					
	Denbighshire	Minera Mines	1,015	0	781	0	
1,824		*Westminster Mines	809	0	582	10	1,455
	Flintshire	Talargoch { Maes-yr-erwddu / Coetia Llys	1,910	0	1,490	0	10,430
		Fronfawnog	66	0	47	10	177
		Buttersfield	20	0	15	5	135
		Maes-y-safn	1,423	0	1,117	0	3,071
		Pen-yr-henblas	153	0	107	0	642
		Long Rake	83	15	63	0	220
		Milwr	12	10	9	5	50
		Penybryn	78	0	60	0	210
		Deep Level	540	10	411	0	1,644
		Tolsien	16	0	12	0	98
		Halkin Hall	23	0	17	0	90
		Bodelwyddan	360	0	252	0	1,938
		Belgrave	90	15	70	0	265
		Bryn-steddfod	71	0	53	0	145
		Orsedd	82	0	62	10	510
		Jamaica†	55	13	36	4	
	Carried forward		14,744	3	10,800	19	54,858

* Carbonate of lead is produced at the mines. † The mine has stopped working.

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1854.—*continued*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore. Returns. Tons.	cwts.	Lead Returns. Tons.	cwts.	Silver. Ozs.
Tons.	Brought forward.		14,744	3	10,800	19	54,858
	Flintshire— *continued,*	Bwlchgwyn	305	0	235	0	
		Cheney Rake	56	10	42	0	
		Mostyn	6	0	4	0	
		Caylen	49	0	36	0	110
		True Blue	12	5	10	0	45
		Pant-du					
		Pant-y-celyn					
		Garregboeth	10	0	7	15	40
		Pant-y-groes					
		Pant-y-pwlldwr	17	17	13	0	
		Old Rake	18	5	62	10	510
		Pantyne	20	5	15	0	
		Clwt Malitia	13	5	10	0	
		Tymaen	75	10	57	0	500
		Top-y-rhes	28	5	21	10	
		Pant-y-ffryth	41	0	31	10	186
		Strong Croft					
		Talacre	631	0	486	0	4,250
		Holywell Level	240	0	168	0	1,512
		Loch					
		Merllyn	177	0	133	0	1,120
		Panty-mwyn, or Mold Mines	99	0	73	0	350
		Plantation	26	10	19	10	140
7,027		Sundries under 10 tons	216	0	161	0	200
	Montgomeryshire	Chirk Castle	80	0	61	0	
		Cae-conroy	40	0	29	0	440
		Rhos-wyddol	147	10	120	0	—
		Dwn-gwm or Dyfngwm	201	0	156	0	468
		Craig Rhiwarth	41	0	30	0	380
		Frith Llechesedd	23	0	17	0	
		Gorn					
		Machynlleth, including Delife	637	0	470	0	1,880
		Nantmelyn					
		Pen-y-clyn					
1,184		Llanerchyrawr	14	10	11		70
	Merionethshire	Barmouth, Port of					
		Llanrwst	38	0	28	0	
		Cowarch	60	0	35	0	
		Tyddyingbuddel					
		Dolgelly					
		Eagles Rock					
98		Bwlch-y-cyran					
	Glamorganshire	Melin Llym-y-Pair	46	0	35	0	262
62		Clive	16	0	10	10	90
		Total	18,480	15	13,389	4	67,051

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1854—*continued.*

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.
Tons.		IRELAND.	Tons. cwts.	Tons. cwts.	Ozs.
	Clare	Kilbricken	98 0	70 0	6,650
		Ballyhicky			
165		Annaglough	67 10	51 0	
	Down	Newtownards	1,379 0	1,084 0	
1,379		Conlig			
	Cork	Bantry			
	Galway	Glengola			
		Galway Mines			
54	Louth	Dundalk	39 0	29 0	
		Lanbrynmair	15 15	12 0	91
	Limerick	Shallee	142 0	95 0	3,420
		E. Shallee			
		W. Shallee			
	Monaghan	Bond and Newry			
	Wicklow	Glenmalure			
		Luganure	1,095 0	710 0	4,970
		Ballygoneen	20 0	14 10	65
1,328		Gurtnadyne	213 10	145 0	2,900
	Wexford	Barristown			
		Total	3,069 15	2,210 10	18,096
		SCOTLAND.			
	Ayrshire	Afton Lead Mines			
174	Argyleshire	Strontian Mines	174 0	130 0	536
	Dumbartonshire	Dumbarton			
	Kirkcudbrightshire	Cairnsmore	72 0	53 0	130
		Woodhead	50 13	29 10	—
		Black Craig	204 0	153 0	
522		Kirkcudbright	196 0	148 0	440
	Perthshire	Breadalbane			
261	Lanarkshire	Lead Hills Mine	261 18	169 9	
	Dumfrieshire	Wanlock head	795 0	596 0	4,320
		Total	1,753 11	1,278 19	5,426

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Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1848—*continued.*

Total of Lead Ore. — County.	COUNTY.	MINES.	Lead Ore Returns.		Lead Returns.		Silver.
Tons.	ISLE OF MAN.		Tons.	cwts.	Tons.	cwts.	Ozs.
	Isle of Man -	Foxdale - -	1,900	0	1,449	0	19,926
		Laxey - - -	900	0	688	0	32,336
		South Manx - -					
		Douglas - -					
		Total -	2,800	0	2,137	0	52,262
		The Welsh ticketings include also, British and Colonial -	72	10	53	0	848

SUMMARY of LEAD and SILVER PRODUCE.

	Lead.	Lead.	Silver.
	Tons.	Tons.	Ozs.
Cornwall - - -	7,460	5,005	179,675
Devonshire - - -	4,139	2,612	119,288
Cumberland - - -	9,890	6,662	42,020
Durham and Northumberland -	22,329	16,669	78,577
Westmoreland - - -	383	289	80
Derbyshire - - -	7,554	4,508	—
Shropshire - - -	3,797	2,765	184
Yorkshire - - - -	9,244	6,476	—
Cardiganshire - -	7,034	4,948	33,418
Carmarthenshire - - -	901	666	—
Denbighshire - - -	1,824	1,363	1,455
Flintshire - - - -	7,027	5,408	28,588
Montgomeryshire - -	1,184	894	3,238
Merionethshire - -	98	63	—
Glamorganshire - - -	62	45	352
IRELAND - - -	3,069	2,210	18,096
SCOTLAND - - -	1,753	1,279	5,426
ISLE OF MAN - - -	2,800	2,137	52,262
	90,553	64,005	562,659

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1854.

COAL AND IRON.

IRON FURNACES IN GREAT BRITAIN IN 1854.

ENGLAND and WALES.

	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	No. in District in blast.
		NORTHUMBERLAND AND DURHAM.			
1	Bedlington - -	Bedlington Iron Company	2	2	
2	Birtley - -	Birtley Iron Company -	3	2	
3	Clarence - -	Bell Brothers - -	3	3	
4	Consett - -	Derwent Iron Company -	7	5	
5	Crookhall - -	Do. - -	7	6	
6	Darlington - -	South Durham Iron Company - - -	2	2	
7	Eston - -	Bolchow and Vaughan -	6	6	
8	Do. - -	Elwen and Company -	2	2	
9	Do. - -	B. Samuelson - -	2	2	
10	Felling - -	H.L. Pattinson and Co. -	2	2	
11	Harcshaw - -	Hareshaw Iron Company	3		
12	Lemington - -	Tyne Iron Company -	2	2	
13	Middlesbro' - -	Bolchow, Vaughan, and Company - -	3	3	
14	Do. - -	Gilkes, Wilson, Leatham, and Company -	4	4	
15	Ormsby - -	Cochrane and Company -	4	2	
16	Stanhope - -	Weardale Iron Company -	1		
17	Towlaw - -	Do. - -	6	4	
18	Stockton - -	Stockton Iron Company*	3		
19	Shotley Bridge, Bradley	Jno. Richardson and Co. -	4	4	
20	Walker - -	Losh, Wilson, and Bell -	5	4	
21	Wallsend - -	J. Carr and Company -	2	2	
22	Witton Park -	Bolchow and Vaughan -	4		
23	Wylam - -	Bell Brothers - -	1	1	
			78	59	59
		YORKSHIRE.			
1	Beirley - -	Hird, Dawson, and Hardy	4	3	
2	Bowling - -	Sturge and Company -	5	4	
3	Chapeltown - -	Newton, Chambers, and Co.	2		
4	Elsecar - -	Dawes and Company -	3	1	
5	Farnley - -	Armitage and Company -			
6	Glasshouse - -				
7	Holmes - -	Saml. Beale and Company	2	2	
8	Leather and Co. -				
9	Low Moor - -	Hird, Dawson, and Hardy	5	5	
10	Milton - -	Dawes and Company -	2	2	
11	Parkgate - -	Saml. Beale and Company	1	1	
12	Shelf - -				
13	Thorncliffe - -	Newton, Chambers, and Co.	3	2	
14	Wosbro' Dale -	Field, Cooper, and Co. -	1	1	
			28	21	21

* Building.

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	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	No. in District in blast.
		DERBYSHIRE.			
1	Alfreton - -	Oakes and Company -	3	2	
2	Butterley - -	Butterley Company -	3	3	
3	Codnor Park -	Do. - -	4	4	
4	Duckmanton -	R. Arkwright - -	2		
5	Clay Cross - -	Clay Cross Company -	3	2	
6	Morley Park -		2	2	
7	Newbold - -	Saml. Beale and Company	1	1	
8	Renishaw - -	Appleby and Company -	2	1	
9	Stanton by Dale -	Stanton Iron Company -	3	3	
10	Staveley - -	Rd. Barrow - -	4	2	
11	Unstone - -	Rangeley Company -	1	1	
12	West Hallam -	Whitehouse and Company	2	1	
13	Wingermouth -	Wingermouth Iron Company - -	3	3	
			33	25	25
		CUMBERLAND.			
1	Cleator - -	Whitehaven Iron Company	2	2	2
		LANCASHIRE.			
1	Newland - -	*Harrison Ainslee and Co.	3	3	1
2	Backbarrow - -				
3	Duddon - -				
		NORTH STAFFORDSHIRE.			
1	Apedale - -	J. E. Heathcote -	4	2	
2	Foley - -	W. H. Sparrow -	3	2	
3	Golden Dale - -	Williamson Brothers -	3	3	
4	Kidsgrove - -	Thos. Kinnersley -	4	4	
5	Madeley - -	Thos. Firmstone -	2	1	
6	Shelton - -	Earl Granville - -	8	5	
7	Silverdale - -	F. Stannier and Company	4	4	
			28	21	21
		SOUTH STAFFORDSHIRE.			
1	Bentley Heath -	H. Clarke - -	3	1	
2	Bilston - -	Geo. Jones - -	3	2	
3	Do. New - -	Blackwell and Company -	5	5	
4	Do. Brook -	Hickman and Sons -	3	2	
5	Birchills, New -	Geo. Jones - -	5	4	
6	Do. Old -	P. Williams and Sons -	2	1	
7	Bloxwich - -	Highway Brothers -	2	2	
8	Bouvereux - -	Baldwin and Company -	2	2	
9	Brettell Lane -	Hall, Holcroft, and Pearson	2	2	
10	Broadwaters - -	S. Groucutt and Sons -	2	2	
11	Capponfield -	Jno. Bagnall and Sons -	3	2	
	Carried forward -		82	25	

* These are the only furnaces in this country for the production of charcoal iron. One only is in blast at a time; having worked for four months, it is blown out, so that the three furnaces are brought into operation within the year.

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	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	No. in District in blast.
	Brought forward -		32	25	
12	Chillington - -	Chillington Company -	4	4	
13	Coneygree - -	Lord Ward - -	3	2	
14	Corbyn's Hall -	W. Matthews and Co. -	4	3	
15	Do. New -	B. Gibbons - -	4	3	
16	Corngreaves - -	New British Iron Company	4	3	
17	Coseley - -	J. and T. Turley -	2	2	
18	Crook Hay - -	T. Davies and Sons -	4	3	
19	Darlaston - -	Saml. Mills -	3	3	
20	Deepfields - -	Benton and Pemberton -	2	2	
21	Do. - -	S. Groucutt and Sons -	1	1	
22	Dixon's Green -	Wm. Haden - -	1	1	
23	Dudley Port -	Thos. Morris - -	2	2	
24	Do. - -	Hopkins and Son -	2	2	
25	Dudley Wood -	New British Iron Company	4	2	
26	Ettingshall - -	T. Banks and Son - -	2	1	
27	Golds Hill - -	Jno. Bagnall and Sons -	3	3	
28	Groveland - -	H. Richards - -	1	1	
29	Hallfields - -	J. B. Gibbons, jun. -	1	1	
30	Herbert's Park -	David Jones - -	1	1	
31	Horsley - -	Colbourn and Sons -	2	2	
32	Hatherton - -	Highway Brothers -	2	2	
33	Ketleys - -	B. Gibbons - -	3	2	
34	Lays - -	W. and G. Firmstone -	3	3	
35	Level - -	Lord Ward - -	3	3	
36	Do. Old -	Hall, Holcroft, and Pearson - -	2	2	
37	Millfields - -	Riley and Son - -	3	3	
38	Moseley - -	Chillington Company -	3	2	
39	Netherton - -	N. Hingley and Sons -	3	2	
40	Do. - -	M. and W. Grazebrook -	2	1	
41	Oak Farm -	Geo. Bennet and Co. -	2	2	
42	Oldbury - -	Wm. Bennitt - -	4	3	
43	Old Hill - -	T. and J. Badger -	2	1	
44	Old Park - -	Lloyds, Fosters, and Co. -	3	3	
45	Osier Bed - -	W. H. Sparrow and Co. -	3	3	
46	Parkfield - -	Parkfield Iron Company -	4	4	
47	Parkhead - -	Evers and Martin -	2	2	
48	Pelsall - -	Davis and Bloomer -	2	2	
49	Priestfields - -	Henry Ward - -	3	3	
50	Priorsfield - -	H. B. Whitehouse -	3	2	
51	Roughay - -	Addenbrook and Co. -	2	2	
52	Russell's Hall -	S. H. Blackwell and Co. -	4	4	
53	Shut End - -	Jno. Bradley and Co. -	4	3	
54	Stonefields - -	G. H. and A. Hickman -	1	1	
55	Stow Heath -	W. H. Sparrow and Co. -	5	3	
56	Tipton Green -	Gibbons and Roberts -	4	3	
57	Tipton - -	Cresswell and Sons -	2	2	
58	Toll End - -	Toll End Company -	2	1	
59	Union - -	P. Williams and Son -	3	2	
60	Wednesbury Oak -	Do. - - -	3	3	
61	Willingsworth -	Haines and Company -	3	2	
62	Windmill End -	C. H. Plevins and Co. -	2	2	
63	Withymoor -	W. Dawes - -	1	1	
64	Wolverhampton -	Whitehouse and Poole -	3	2	
65	Woodside - -	Cochrane and Co. -	2	2	
			175	145	145

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	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	No. in District in blast.
		SHROPSHIRE.			
1	Castle, The	Coalbrookdale Company	2	2	
2	Dark Lane	B. Botfield	2	2	
3	Horshays	Coalbrookdale Company	3	2	
4	Jerry, The	B. Botfield	2		
5	Ketley	Ketley Company	3	1	
6	Langley	Thos. Hinde and Co.	1	1	
7	Lawley	Coalbrookdale Company	1	1	
8	Lightmoor	Do.	2	2	
9	Lodge Wood	Lilleshall Company	4	4	
10	Madely Court	W. O. Foster	3	2	
11	Madely Wood	Jno. Austrie	3	3	
12	Prior's Lee	Lilleshall Company	4	4	
13	Stirchley Old Park	B. Botfield	4	4	
			34	28	28
		DENBIGHSHIRE.			
1	Brymbo	The Brymbo Company	2	2	
2	Coed Talon		1		
3	Frood	Frood Iron Company	1	1	
4	Leeswood	Messrs. Oakley and Co.	2	1	
5	Ruabon	New British Iron Company	3	3	
6	Plaissa	Samuel Giller	1	1	
7	Plaskynaston	Moss and Jukes	1	1	
			11	9	9
		GLAMORGANSHIRE.			
		A. *Anthracite District.*			
1	Abercrave	T. Walters	1	1	
2	Abernant, Aberdare or Iswydcoed	Abernant Iron Company	3	2	
3	Banwen	Not occupied	2	—	
4	Bryn Aman	L. Llewellyn	1	2	
5	Do.	Do.	1		
6	Gwendreath	T. Watney and Co.	2	2	
7	Neath Valley	Neath Abbey Company	3	1	
8	Onllwyn	W. Llewellyn	2	1	
9	Venalt	Aberdare Iron Company	2	—	
10	Sandersfoot	Not occupied	1	—	
11	Trym Saren	Nortole and Co.			
12	Yniscedwyn	Yniscedwyn Iron Company	7	5	
13	Ystalyfera	Ystalyfera Iron Company	5	7	
14	Do.	Do.	5		
			35	21	21

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	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	No. in District in blast.
		GLAMORGANSHIRE AND MONMOUTHSHIRE.			
		B. *Freeburning and Bituminous District.*			
1	Aberamman	Crawshay Bailey	3		
2	Abrsychan	Ebbw Vale Company	6	4	
3	Beaufort	Joseph and C. Bailey	7	7	
4	Blaenafon	Blaenafon Iron Company	5	5	
5	Blaina, Coalbrook Vale and Cwmcelyn	Cruttwell and Levick	7	4	
6	Cefn Cwsc	North British Banking Co.	3		
7	Clydach	Powell and Company	4	3	
8	Cwmafon	Governor and Company of Copper Mines	4	4	
9	Cwmbran	Cwmbran Iron Company	1	1	
10	Cyfartha	W. Crawshaw and Sons	7	6	
11	Dowlais	Dowlais Iron Company	18	16	
12	Ebbw Vale	Ebbw Vale Company	4	3	
13	Gadlys	Wayne and Company	2	2	
14	Garth				
15	Golynos	Williams and Company	7	4	
16	Hirwain and Varteg	W. Crawshaw			
17	Jarvis				
18	Llwynvi	Llwynvi Iron Company	4	2	
19	Machen				
20	Maesteg	Maesteg Iron Company			
21	Millbrook and Landore	Sir J. Morris	1		
22	Nantyglo	Joseph and C. Bailey			
23	Pentwyn				
24	Pentyrch	T. W. Booker	2	1	
25	Pen-y-darran	Thompson and Company			
26	Plymouth or Furnace Ishaf and Duffryn	Antony Hill and Compy.	9	8	
27	Pontypool	Pontypool Iron Company	4	4	
28	Rhymney	Rhymney Iron Company	9	8	
29	Sirhowy	Ebbw Vale Company	5	3	
30	Tonddu	Messrs. Brogden	2	1	
31	Tredegar	Tredegar Iron Company	8	8	
32	Typwca				
33	Victoria	Ebbw Vale Company	4	2	
34	Ynys Fach	W. Crawshaw and Sons	4	4	
			134	100	100
		GLOUCESTERSHIRE.			
1	Cinderford, Dean Forest	Alloway and Crawshay	3	3	
2	Parkend do.	James and Greenham	2	2	
3	Dark Hill do.	Messrs. Mushet	1		
4	Oakwood Vale do.	Ebbw Vale Company	1		
			7	5	5

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	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	No. in District in blast.
		SCOTLAND.			
		Ayrshire.			
1	Ardeer - -	Merry and Cunningham -	4	2	
2	Blair - -	Eglington Iron Company	5	2	
3	Dalmellington -	Dalmellington Iron Comp.	4	4	
4	Eglinton - -	Eglinton Iron Company -	5	5	
5	Glengarnock -	Merry and Cunningham -	9	9	
6	Lugar - -	Trustees of late J. Wilson	4		
7	Muirkirk - -	Do. -	3	3	
8	New Cumnock -	New Cumnock Iron Co. -	3	2	
9	Portland - -	Portland Iron Company -	4	3	30
		Lanarkshire.			
1	Calder - -	William Dixon - -	6	4	
2	Carnbroe - -	Merry and Cunningham -	6	4	
3	Castlehill - -	Shotts' Iron Company -	3	3	
4	Clyde - -	Colm, Dunlop, and Co. -	7	5	
5	Coltness - -	Coltness Iron Company -	6	6	
6	Dundyvan - -	Trustees of late J. Wilson	9	6	
7	Gartsherrie - -	William Baird and Comp.	16	16	
8	Govan - -	William Dixon - -	6	4	
9	Langloan - -	Addie, Miller, and Rankine	6	5	
10	Monkland - -	Monkland Iron and Steel Company - -	9	7	
11	Omoa - -	Robert Stewart - -	4	3	
12	Shotts - -	Shotts Iron Company -	4	3	
13	Summerlee - -	Wilson and Company -	6	6	72
		Fifeshire.			
1	Forth - -	Forth Iron Company -	6	6	
2	Lochgelly - -	Lochgelly Iron Company	2	2	
3	Lumfinnan -	Lumfinnan Iron Company	1	1	9
4	New Works - -		3		
		Linlithgowshire.			
1	Kinmell - -	Trustees of late J. Wilson	4	2	2
		Stirlingshire.			
1	Cawseyend - -	James Russell and Son -	1		
2	Carron - -	Carron Company - -	4	2	2
	Carried forward -	- - -	150	115	115

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	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	No. in District in blast.
	Brought forward -	- - - -	150	115	115
		CLACKMANNANSHIRE.			
1	Devon - -	Andrew Christie - -	3	2	2
		DUMBARTONSHIRE.			
1	Garscube - -	Montgomrie and Fleming	2	1	1
		HADDINGTONSHIRE.			
1	Gladsmuir - -	Charles Christie - -	1		
			156	118	118

No. of Works.		Furnaces in blast.
23	Northumberland and Durham -	59
14	Yorkshire - -	21
13	Derbyshire -	25
1	Cumberland -	2
1	Lancashire -	1
7	North Staffordshire -	21
65	South Staffordshire -	145
13	Shropshire -	28
7	Denbighshire -	9
14	Glamorganshire (A.) -	21
34	Ditto and Monmouthshire	100
4	Gloucestershire -	5
9	Ayrshire - -	30
13	Lanarkshire - -	72
4	Fifeshire - -	9
1	Linlithgowshire -	2
2	Stirlingshire -	2
1	Clackmannanshire -	2
1	Dumbartonshire -	1
1	Haddingtonshire -	
228		555

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COLLIERIES IN THE UNITED KINGDOM.

(For detailed List see the Appendix.)

	No. in District.	No. in County.	
WALES.			
South Wales Anthracite District.			
PEMBROKESHIRE	19	19	
GLAMORGANSHIRE	41		
South Wales Bituminous Coal District.			
GLAMORGANSHIRE and MONMOUTHSHIRE	186	227	
North Wales.			
FLINTSHIRE		30	
DENBIGHSHIRE		25	
ANGLESEA		5	
			306
ENGLAND.			
DEVONSHIRE		2	
GLOUCESTERSHIRE and SOMERSETSHIRE		85	
Forest of Dean	40		
Bristol Coal field	45		
SHROPSHIRE		48	
SOUTH STAFFORDSHIRE and WORCESTER			
Rugeley	3		
Wyrley	11		
Walsall	25		
Darlaston	9		
Bilston	57		
Willenhall	20		
Wolverhampton	24		
Sedgley	11		
Tipton	23		
Rowley Regis	13		
Oldbury	37		
West Bromwich	59		
Wednesbury	20		
Corngreaves	25		
Dudley	36		
Brierley Hill	17		
Bewdley, &c.	3	393	
NORTH STAFFORDSHIRE:			
Cheadle	16		
Longton	23		
Hanley	13		
Burslem	18		
Tunstall	15		
Biddulph	11		
Newcastle-under-Lyne	27	123	
Carried forward			651

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	No. in District.	No. in County.	
Brought forward			651
NOTTINGHAMSHIRE		17	
WARWICKSHIRE		15	
LEICESTERSHIRE		11	
DERBYSHIRE:			
Chesterfield	72		
Alfreton	21		
Ripley	10		
Glossop	5		
Ilkeston	8		
Burton-on-Trent	7	123	
YORKSHIRE:			
Leeds	36		
Bradford	63		
Wakefield	24		
Huddersfield	32		
Barnsley	28		
Halifax	14		
Rotherham	17		
Sheffield	24		
Dewsbury	38	276	
LANCASHIRE:			
Ashton-under-Lyne	7		
Blackburn	21		
Bolton	44		
Burnley	15		
Bury	10		
Chorley	8		
Leigh	15		
Manchester	15		
Oldham	22		
Rainford	14		
Rochdale	76		
St. Helen's	27		
Wigan	59	333	
CHESHIRE		30	
CUMBERLAND		23	
DURHAM and NORTHUMBERLAND:			
Seasale:—			
Tyne, Blyth, Wear	94		
Seaham, Hartlepool East, Do. West, Tees	60		
	30		
			1,053
Land sale in all the districts	41	225	1,704

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	No. in District.	No. in County.	
SCOTLAND.			
LANARKSHIRE:			
Glasgow	14		
Rutherglen	11		
Shettleston	6		
Baillieston	13		
Coatbridge	18		
Airdrie	34		
Holytown	15		
Motherwell	4		
Wishaw	18		
Hamilton	20	153	
AYRSHIRE:			
Ayr	15		
Irvine	20		
Kilmarnock	23		
New Cumnock	20	78	
FIFESHIRE:			
Kirkcaldy and Dunfermline	24		
Cupar	10	34	
CLACKMANNANSHIRE		8	
HADDINGTONSHIRE		11	
EDINBURGHSHIRE		11	
LINLITHGOWSHIRE		15	
STIRLINGSHIRE		34	
DUMBARTONSHIRE		11	
RENFREWSHIRE		7	
DUMFRIESSHIRE		4	
PEEBLESSHIRE		1	
PERTHSHIRE		1	368
IRELAND.			
LEINSTER Coal Field	5		
TIPPERARY do.	5		
MUNSTER do.	2		
CONNAUGHT do.	5		
TYRONE	2		19

WALES	306	2,397 Collieries in the United Kingdom.
ENGLAND	1,704	
SCOTLAND	368	
IRELAND	19	

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1854.

COALS AND IRON.

ENGLAND.

NORTHUMBERLAND AND DURHAM.

COALS raised in 1854, 15,420,615 Tons.

Of this quantity, there was exported to Foreign Countries the following from the Ports named:—

Ports.	Coals.	Coke.
	Tons.	Tons.
Newcastle	1,329,140	74,994
Shields	82,554	14,667
Blythe	85,353	—
Amble	12,864	—
Sunderland	419,960	25,892
Seaham	60,347	3
Hartlepool	381,300	27,231
Stockton	4,256	1,284
Middlesbro'	57,410	22,446
Total	2,433,184	166,457

The Quantities shipped and sent Coastways were as follows:—

Ports.	Coals.	Coke.
	Tons.	Tons.
Newcastle	2,123,590	9,740
Shields	52,160	—
Blythe	112,165	—
Amble	65,038	—
Sunderland	1,357,338	343
Seaham	674,610	—
Hartlepool	1,218,596	4,054
Stockton	13,264	150
Middlesbro'	182,634	1,235
Total	5,799,395	15,522

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MONTHLY RETURN of COALS and COKE exported to Foreign Countries in 1854 from the under-mentioned Ports.

—	Newcastle.		Shields.		Blyth.		Amble.		Sunderland.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Jan. -	44,226	3,889	6,619	1,676	3,376	—	713	—	13,917	2,662
Feb. -	68,584	4,950	4,370	3,034	2,299	—	429	—	9,736	890
March	127,246	8,977	8,728	2,137	11,040	—	2,737	—	43,799	2,602
April -	151,944	6,635	8,665	4,778	8,002	—	1,794	—	50,828	3,715
May -	151,161	8,208	11,486	682	10,254	—	1,628	—	49,310	2,671
June -	134,782	5,930	7,262	640	7,019	—	1,354	—	44,433	2,681
July -	128,007	5,014	6,380	—	7,182	—	1,327	—	42,308	1,422
Aug. -	137,219	5,256	2,978	614	8,604	—	716	—	35,119	1,582
Sept. -	126,343	6,056	8,487	230	8,166	—	1,330	—	41,779	1,431
Oct. -	103,528	7,327	6,224	20	7,893	—	345	—	33,853	1,635
Nov. -	98,082	7,504	6,552	739	6,137	—	375	—	34,293	2,048
Dec. -	67,978	5,248	4,803	117	5,381	—	116	—	20,585	2,553
Total -	1,329,140	74,994	82,554	14,667	85,353	—	12,864	—	419,960	25892

—	Seaham.		Hartlepool.		Stockton.		Middlesbro'.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Jan. -	395	—	13,215	762	—	—	967	518
Feb. -	1,489	—	19,679	949	—	—	1,121	1,215
March	8,302	—	43,079	2,801	404	—	4,041	1,000
April -	6,934	—	45,129	3,777	360	130	6,240	1,932
May -	10,721	—	53,640	4,085	423	228	9,430	2,916
June -	8,685	—	46,219	2,811	1,129	499	8,817	2,518
July -	6,482	3	36,987	3,300	478	—	6,146	2,579
Aug. -	6,662	—	32,184	1,773	381	—	7,226	2,709
Sept. -	4,897	—	30,264	1,887	593	190	5,104	3,100
Oct. -	2,372	—	25,534	2,398	93	—	4,872	1,924
Nov. -	2,162	—	23,090	1,659	182	—	2,655	1,871
Dec. -	1,246	—	12,280	1,029	213	177	791	164
Total -	60,347	3	381,300	27,231	4,256	1,224	57,410	22,446

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MONTHLY RETURN of COALS and COKE sent Coastways in 1854 from the North-eastern Ports.

—	Newcastle.		Shields.		Blyth.		Amble.		Sunderland.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Jan. -	189,058	432	6,417	—	2,893	—	2,520	—	110,886	11
Feb. -	133,194	733	3,693	—	3,765	—	2,390	—	54,013	12
March	170,833	882	3,167	—	8,271	—	5,152	—	109,493	12
April -	138,013	630	4,415	—	7,874	—	5,001	—	81,273	118
May -	200,948	1,276	3,969	—	14,270	—	8,930	—	121,192	51
June -	181,366	758	4,314	—	10,041	—	6,474	—	117,041	30
July -	194,581	819	3,895	—	12,979	—	5,726	—	118,620	—
Aug. -	181,500	1,391	4,509	—	13,203	—	5,702	—	137,027	—
Sept. -	195,609	1,083	6,924	—	13,324	—	9,345	—	144,241	—
Oct. -	183,027	629	4,595	—	9,742	—	5,835	—	131,220	—
Nov. -	203,141	406	3,581	—	8,489	—	4,014	—	123,349	33
Dec. -	152,320	701	2,681	—	6,314	—	3,949	—	103,983	76
Total -	2,123,590	9,740	52,160	—	112,165	—	65,038	—	1,357,338	343

—	Seaham.		Hartlepool.		Stockton.		Middlesbro'.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Jan. -	39,623	—	124,799	550	1,399	—	18,605	380
Feb. -	28,152	—	85,190	368	321	150	16,726	—
March	55,056	—	97,376	509	501	—	17,420	—
April -	42,927	—	76,584	215	1,290	—	11,326	62
May -	72,000	—	91,235	163	1,126	—	17,717	40
June -	58,019	—	88,565	208	1,266	—	15,957	615
July -	69,528	—	109,864	296	1,283	—	17,688	13
Aug. -	73,356	—	118,348	234	1,232	—	15,166	30
Sept. -	76,687	—	107,802	182	1,245	—	17,011	45
Oct. -	63,170	—	97,450	671	1,467	—	11,824	—
Nov. -	51,944	—	113,749	152	880	—	14,289	—
Dec. -	43,948	—	107,634	506	1,254	—	8,905	50
Total -	674,610	—	1,218,596	4,054	13,264	150	182,634	1,235

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RAILWAY DISTRIBUTION.

North-eastern.

	Tons.
The quantity of COALS carried over the North-eastern system of Railways during 1854 for local consumption, or land sale, from the Durham and Northumberland coal field, and which was distributed over the district and towns between *Berwick*, *Leeds*, and *Hull*, but excluding the districts of *Stockton*, *Darlington*, and *Hartlepool*	1,499,614
Passed over the North-eastern, and through, for districts south of Normanton and Knottingley, for London and points on the Great Northern and Midland Railways	263,914
From the quantity of *Coke* carried during the same period, about 11,000 tons, and distributed between *Newcastle* and *Leeds*, it may be estimated that there was required of coal	22,000
The *Coke* traffic through for the last six months of 1854 was 273,268 tons. In the first six months it was a little less than this; we may therefore estimate it at 523,268 tons, equal to Coal	1,046,536
	2,832,064

Newcastle and Carlisle.

Coal passed over the Newcastle and Carlisle Railway, and shipped at Maryport	80,967
Ditto, Port Carlisle	8,489
Coal distributed for local consumption at the stations on the Newcastle and Carlisle	300,000

IRON WORKS.

There were during the Year 52 blast furnaces at work, producing about 275,000 tons of pig iron. At a low estimate 4 tons of coal are required for each ton of iron, therefore there would be consumed for blast furnaces, engines, &c. not less than	1,200,000

COLLIERY CONSUMPTION.

Including workmen, engines, and general colliery purposes	1,100,000

LOCAL CONSUMPTION.

For manufactories and general purposes	1,600,000

SUMMARY of NORTHUMBERLAND and DURHAM COAL PRODUCE in 1854.

Coals exported to Foreign Countries	Tons	2,433,184
Coke, 166,475 tons to do. equal to		332,914
Coals sent Coastways		5,799,395
Coke, 15,522 tons, do., equal to		31,044
Coals sent inland by the North-Eastern Railway		1,499,614
Coals for London and points on Midland and Great Northern Railways		163,914
Coke distributed between Leeds and Newcastle, 11,000 tons, equal to		22,000
Coke carried through and distribued along the southern railways, 523,268, equal to		1,046,536
Coals exported from Maryport and Port Carlisle, sent by Newcastle and Carlisle Railway		89,456
Coke shipped at Maryport, sent by Newcastle and Carlisle Railway, 1,779, equal to		2,558
Coals distributed for local use between Newcastle and Carlisle		300,000
Coals used in the iron works		1,200,000
Colliery consumption, including workmen, engines, and general colliery purposes		1,100,000
Local consumption for manufactories and for general purposes		1,400,000
		*15,420,615

* This sum is so considerably in excess of any former estimate, that it is satisfactory to be enabled to state that an independent estimate was made recently, by a gentleman who may be regarded as the first authority on the coal trade in England, who has obligingly forwarded it to me, giving a total of 15,595,963 tons.

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In estimating the produce of this district, the actual vends of two thirds of the collieries have been obtained, and the others have been estimated by gentlemen well qualified to do so by their local knowledge. The agreement of the colliery returns with the export and railway returns ensures the correctness of the above.

COALS and COKE IMPORTED into the PORT of LONDON in 1854 from the NORTHUMBERLAND and DURHAM COAL FIELDS.

Place shipped from.	Number of Ships employed.	Tons of Coal delivered.
Newcastle	3,188	1,090,668
Newcastle, Wallsend	1,076	304,961
Sunderland	130	36,153
Sunderland, Wallsend	2,074	640,795
Seaham	1,237	303,540
Blyth	242	49,918
Hartlepool, East and West	2,610	736,131
Stockton and Middlesbro'	352	79,446
Sundry districts small coal	46	11,263
	10,955	
Total of Seaborne Coal from North-eastern Ports		3,252,075

Coals brought by Great Northern Railway within the London district from Durham and Northumberland.

	Tons.	Cwt.
Adelaide	38,238	15
Lambton	36,793	17
Wallsend	436	9
South Durham	1,745	17
Whitwell	562	17
Whitworth	66	16
West Belmont	177	8
Trimdon	3,610	6
Tees Wallsends	7,798	1
Belmont	10,270	4
Total by this Railway from North-eastern Coal-field	99,700	10

SUMMARY.

	Tons.	Cwt.
Seaborne	3,252,075	0
Railway	99,700	10
	3,351,775	10
Coals and Coke exported to foreign countries from London	82,220	0
Retained for home consumption	3,269,555	10

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The Prices of Coals at the Ports of the Tyne, Blyth, Wear, Seaham, Hartlepool and Tees, in 1854.

Name of Place.	Highest Price per Ton.	Lowest Price per Ton.
	s. *d.*	*s.* *d.*
Tyne	10 9	8 0
Blyth	8 6	8 6
Wear	11 6	8 0
Seaham	11 6	8 6
Hartlepool, East	11 6	8 0
Hartlepool, West	11 6	8 0
Tees	11 6	8 0

Mean average price during 1854, 9*s.* 7*d.*

The Average Prices of Coals in the London Market during the Year were to the consumers, calculated from all the variations throughout the year—

	s. *d.*
Best household coals	23 10
Tanfield, or smiths' or manufacturers' coals	18 9
Steam coal, or bakers' coals	20 7*

Prices of Northumberland and Durham Coal at the Coal Market, London, 1854.

Month.	Highest Price per Ton.	Lowest Price per Ton.
	£ *s.* *d.*	£ *s.* *d.*
January	2 4 0	1 2 6
February	1 10 0	0 19 0
March	1 3 6	0 15 6
April	1 0 9	0 14 0
May	1 0 6	0 15 6
June	1 1 0	0 15 6
July	1 1 6	0 15 0
August	1 5 0	0 15 0
September	1 5 0	0 14 0
October	1 7 0	0 16 0
November	1 5 6	0 16 0
December	1 3 0	0 15 9

Mean average price during 1854, £1. 0*s.* 10¼*d.*

* The expenses attending the transmission of a ton of coal are as follows :

	s. *d.*
Cost price of a ton of coal	7 0
Freight, Newcastle to London	6 0
Insurance	0 1½
City dues	1 1
Half weighage	0 1¾
Factory, 3*d.* ; del credere, 1*d.*	0 4
Barge, 1*s.* 8*d.* ; porterage, 2½*d.*	1 10½
Wharfage	0 6
Allowance to buyer	0 6
Cartage and agent's commission	2 6
	20 0

Braithwaite Poole's Statistics of British Commerce.

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IRON.

The supply of ore from which the iron of this district is made is not, as in some other localities, entirely derived from the immediate neighbourhood, the local supply being small. Scotland and Cumberland send ores to this coal-field, but the principal supply is from the Cleveland district, from which there was raised during the year 1854 of

Iron Ore - - - - -	650,000 tons

The 52 furnaces in blast during this period made of

Pig Iron - - - - -	275,000 tons

About one third of this quantity is sold to the foundaries as—

Pig iron - - - -	91 666 tons
Two thirds re-converted into bar, rail, or sheet iron - - -	183,334 „
Total - - -	275,000 „

Exported from the North-eastern ports, chiefly from the ports of Newcastle and Middlesbro', Pig Iron, 6,383 tons.

CUMBERLAND.

Coals raised in 1854, 887,000 tons.

The quantity of coal produced in Cumberland, shipped during the years

	1853.	1854.
At Maryport - - -	212,194	235,062
At Workington - - -	93,645	107,101
At Harrington - - -	27,477	19,581
At Whitehaven - - -	221,900	218,497½
Total - -	555,216	580,241½

	Tons.	Cwt.
Coals carried by railway from Whitehaven collieries - -	24,346	18
Used at Iron Furnaces - - - - - -	36,000	0
Shipped from above ports - - - - -	580,241	10
Home consumption, chiefly in Carlisle, Maryport, Cockermouth, Whitehaven, St. Bees, Egremont, &c. is estimated to be -	246,411	12
Total - - -	887,000	0

The price of coals at the ports of Maryport and Whitehaven in 1854 was,

To ships and railway - - -	8*s.* 5*d.* per ton.
Household purposes - - -	8*s.* 4*d.* „

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IRON.

The great deposits of HÆMATITE IRON ORE occur in the LIMESTONE in the neighbourhood of WHITEHAVEN, and between ULVERSTONE and FURNESS.

	Tons.	Cwt.
The total quantity of iron ore shipped from Whitehaven, per sailing vessels and steamers, from 29th March 1853 to 25th March 1854, inclusive -	115,731	0
The total quantity of iron ore shipped from Whitehaven, by sailing vessels and steamers, from 27th March 1854 to 24th March 1855, inclusive -	145,526	0
The quantity or iron ore which passed over the Whitehaven Junction Railway from the 25th March 1854 to 25th March 1855 (This ore would be used by the iron furnaces of Northumberland and Durham) - -	46,785	12
Shipment of iron ore in the Ulverstone Canal during the year 1854 -	18,512	0
Iron ore shipped at Bayeliff and Aldingham - - -	3,500	0
The quantity of iron ore shipped at Barrow from 1st January to the end of December 1854 - - - - - - -	332,673	0
At the iron works near Whitehaven (the Whitehaven Hæmatite Iron Works) the whole of the iron is produced from the hæmatite ore. Two furnaces were in blast for the whole year, and a third furnace for three months of that time. Near Ulverstone are the charcoal iron works of Harrison, Ainslie, and Co. There are three furnaces, each of which are in blast for four months. These, and the puddling iron ore used by the iron works near Ulverstone, worked during the year 1854 - - - - -	32,926	19

The TOTAL QUANTITY of HÆMATITE IRON ORE raised, used in the neighbourhood, and distributed by SEA and RAILWAY, will be 579,924 tons, and the PIG IRON produced in Cumberland and Lancashire was 20,000 tons.

	Tons.	cwt.
In the distribution of this ore we find that the Newcastle district takes -	46,785	12
From Birkenhead, the Birkenhead, Lancashire, and Cheshire Junction carried - - - - - - - - -	13,380	0
The North-western system of railways distributed principally to South Staffordshire about - - - - - -	200,000	0
Coastways there was sent to the ports of South Wales about - -	150,000	0

THE FURNESS MINING COMPANIES.

Name of Company.	Names of Firm.	Mines worked.
The Newland -	Harrison, Ainslie, & Co. -	Lindale Moor.
Ulverstone - -	Messrs. Brogden and Dr. Kennedy - - -	Lindale Cote and Cross Gates.
Furness - - -	Schneider, Hannay, & Co. -	Whitriggs Park, Monsell, and Old Hills.
	Town and Rawlinson -	Racket Hill and Lindale Moor.
Stainton - -	Messrs. Brogden - -	Stainton and Bolton Heads.
Adgarley - - -	Messrs. Fele - -	Stainton and Adgarley (Aldingham).
	T. S. Kennedy - - -	Rosehead.
	Geo. B. Ashburner -	Elliscales.

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IRON ORE OWNERS IN WHITEHAVEN DISTRICT.

Cleator Iron Ore Company	Thos. Ainsworth. Henry Attwood.
Tangier	Anthony Hill. Richard Barker. Barker, Robinson, & Co.
Yathouse and Winder Mines	Tulk and Ley.* John Stirling.

YORKSHIRE.

Total produce of the West Riding Coal-field, 7,260,500 tons.

Of this quantity the district produce was as follows :—

	Tons.
Leeds	2,045,000
Bradford	1,000,000
Wakefield	700,000
Huddersfield	300,500
Barnsley	1,250,000
Halifax	350,000
Rotherham	525,000
Sheffield	650,000
Dewsbury	450,000

Railway Distribution.

	Tons.	Tons.
The North-eastern Railway carrying chiefly this coal between Leeds and Hull for Land sale		338,777
The Midland Railway carried from the West Riding collieries		
immediately upon their line	95,503	
From Barnsley	3,540	
From Bradford	10,261	
From Sheffield	49,587	
From Leeds	5,871	
From South Yorkshire	47,337	
		212,099

This coal is distributed over the district extending from Leeds to Peterborough, embracing coals carried within the West Riding to Sheffield, Leeds, and other towns, and coals carried northwards to Lancaster, Morecombe, &c.

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* Of these mines Mr. Tulk says, "The locality in which our mines are situate is most interesting in a geological point of view, as the great deposit of ore lies in an enormous fault, caused by the downthrow of the upper part of the new red sandstone to the lower beds of the carboniferous limestone, and from this fault the ore has been infiltrated into the caverns of the limestone, and occasionally has almost a stratified appearance."

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The NORTH-WESTERN RAILWAY received and distributed at the Stations named the following QUANTITIES:—

	Tons.
Astley	200
Birstall	14
Delph	1,576
Diggle	2,832
Dewsbury	101
Greenfield	88
Huddersfield	5,919
Longwood	4,901
Mossley	511
Marsden	5,389
Saddleworth	1,818
Slaithwaite	5,860
	31,209

The GREAT NORTHERN RAILWAY carried from the following COLLIERIES the QUANTITIES named, and distributed them over the LONDON DISTRICT;

	Tons.	cwts.
Adwalton	5	4
Darley Main	1,643	19
Dodworth Park	95	13
Elsecar	40,075	16
Flockton	456	15
Gawber	8,618	14
Grange	88	4
Oaks	5,247	0
Park Gate (Charlesworth's)	20	17
„ (Silkstone)	287	19
Rothwell Haigh	2,678	6
Silkstone (Charlesworth's)	42,129	8
„ (Clarke's)	31,106	15
„ (Field & Co.'s)	19,304	6
„ (Newton & Co.'s)	48,973	0
Woodhouse Close	1,096	13
Wooley	180	11
Worsboro' Park	318	19
Coke equivalent to coal	10,000	0
	212,327	19

The quantity of coals carried by the canals it has not been possible to arrive at with any degree of accuracy; but it is expected that in the returns for the present year (1855) the canal traffic will be included.

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At Sheffield and at Leeds considerable labour was bestowed on ascertaining the local supply. The following results were arrived at :—

SHEFFIELD LOCAL DISTRICT, containing a population of 135,310 persons in 1851.

Companies supplying Coals to Sheffield within the Sheffield district :—

Hunnsfield, Wilson, and Co.
Tinsly Park Company.
Sorby, Richard.
France and Sons.
Habbershon and Hibberd.
Beet and Sons.
Unwin and Shaw.
Brightside Company.
Rhodes, John.
Wells, J. and G.
Swallow, Richard.

Without the Sheffield district :—

The Woodthorpe Coal Company.
Masbro' Colliery, Messrs. Swallow.
Eckington ditto, M. Wells.
Reneshaw Coal and Iron Company.
Rawmarsh, Rotherham.
Newton, Chambers, and Co.
Geo. Chambers.
Messrs. Shaw and Unwin.
Wharncliffe Silkstone Colliery ; and some collieries near Dronfield,

Of these within the district nearly all the coal raised is sent to Sheffield; of the others but a small portion only, 600,000 tons being the maximum quantity brought from all these collieries into Sheffield in 1854.

In the above estimate, coke is included at the rate of two tons of coals to one of coke.

From the north of Sheffield the following collieries send a portion only of their coals to Sheffield :—

Fitzwilliam, the Earl.
Chambers, G. W.
Charlesworth J. and J.
Elsecar Collieries (2).
Darly Main Colliery.
Worsbro' Colliery.
Barnsley Valley, 3 or 4 collieries send a few coals only.
Clarke and Co. send a few only.
Newton, Charles, and Co. do.
Chambers, George do.
Carr and Smith do.

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Then from the south :—

Staveley Company	send a small quantity.
Lucas and Sons	do.
Booker, Wm.	do.
Rhodes, J.	do.
Claycross Company	do.
Wingfield Company	do.

These last three companies, and two or three others, send but a small quantity each of coals.

The prices of coals in the Sheffield market, in 1854, were :—

	s.	d.	
Engine coal	5	0	per ton.
House coal	7s. 6d. to 8	4	„
Picked coal for steel melting	10	0	„
Hard coke for steel melting	15s. to 16	0	„

These prices are for coals at the wharf, to which must be added from 8*d.* to 1*s.* per ton for carriage to the consumer. The prices for 1854 are 1*s.* 3*d.* per ton for coals, and 3*s.* per ton for coke, above the price of the lowest point, and are the highest ever known in the district.

Three tons and a half of the best coke are required to produce a ton of steel worth about 40*l.* a ton. The advance for fuel was therefore about 10*s.* the ton on the steel manufactured.

Leeds Local District, including a population of 172,270 persons, in 1851.

The following collieries send nearly all their coals to Leeds :—

Osmondthorpe	W. H. Wilks.
Rock	Wilcock and Lassey.
White Horse	Messrs. Sarside.
Accommodation Road	Thos. Robinson and Co.
Cross Green	E. T. Maude.
Beeston Manor	Harding Brothers.
Neville Hill	J. B. Faviell.
Castleford	John Carter and Co.
Methley	Benjn. Bromley.
Middleton	Chas. Brandling.
Thorpe Hall	Kirkby Fenton.
Allerton Main	J. Bower and Sons.

From these collieries, and about 17 others distributed over Gildersome, Adwalton, Driglington, and Birstal, which dispose of their coals in various directions, about 575,000 tons were sent into and disposed of in Leeds.

The mean average price of coals at the pit's mouth was for ordinary coal, 7*s.* per ton ; best household, 8*s.* 4*d.* do. ; 1*s.* per ton to be added for cartage.

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DERBYSHIRE.

The TOTAL PRODUCE of the DERBYSHIRE COAL FIELD was 2,406,696.

Inquiries over the districts give the following as the quantities raised in each :—

	Tons.
Chesterfield (the actual returns received from separate collieries amount to 598,696 tons; by careful inquiry respecting the produce of those collieries which have not favoured this office with returns, it is computed they would produce 500,000 tons more)	1,098,696
Alfreton	650,000
Ripley	145,000
Glossop	70,000
Ilkeston	263,000
Burton-on-Trent	180,000
	2,406,696

Of the collieries of the Erewash Valley district, in number fourty-four, there was sold from January 1st to December 30th, 1854,—

	Tons.
By canal or water sale	323,129¾
By railway sale	599,247
	922,376¾

This quantity being carried from the district, the remainder was employed in iron making and for private purposes.

RAILWAY DISTRIBUTION.

The North Western Railway carried from this district 328,505 tons. The principal points of distribution being as follows :—

	Tons.
Aylesbury	4,784
Ampthill	3,862
Boxmoor	4,459
Bedford	9,519
Banbury	5,511
Brentford	49,529
Camden Town	50,084
Dunstable	10,738
Kilburn	17,699
Kensington	46,081
Leamington	5,954
Market Harboro'	4,072
Northampton	7,847
Oxford	12,804
Rockingham	4,119
Stour Valley	3,861
Shepherd's Bush	24,550
Wobourn	2,992
Winslow	2,507
Wolverton	2,157
Weedon	2,230
Welford	616

Very large quantities of coals are carried from this district by the Midland's Railway ; but the returns not having been completed, it is not possible at present to give the details of the distribution by this line.

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NOTTINGHAMSHIRE.

In this county there are seventeen collieries. One half of those, which are by far the largest works, give a gross return of 713,474 tons; the remainder are estimated to produce 100,000 tons,—813,474 tons.

WARWICKSHIRE.

The collieries sending replies to circular, 188,000 tons. The others are estimated at 67,000 tons.—Total, 255,000 tons.

Railway Distribution.

The North Western Railway carried from this district 196,332 tons.

The principal portion of this was distributed as follows :—

	Tons.
Aylesbury	3,710
Boxmoor	4,786
Bedford	5,782
Buckingham	1,448
Brackley	3,263
Banbury	7,093
Bicester	3,818
Blisworth	5,564
Brandon	3,023
Brentford	6,002
Coventry	3,374
Dunstable	12,107
Harrow	3,427
Higham	3,524
King's Langley	2,742
Leamington	24,315
Northampton	19,102
Oxford	28,035
Stour Valley	3,363
Watford	4,249
Wellingboro'	8,161

LEICESTERSHIRE.

These collieries produced 439,000 tons.

Railway Distribution from this Midland Coal Field.

The returns of coals for the year from the London coal market show that the following collieries, amongst others, furnished large quantities by railway transit :—

North-western.

	Tons.	cwts.
Codnor Park	962	0
Pinxton	52,160	6
Butterley	54,797	0
Claycross	77,911	0
Derbyshire	18,327	0
Grewash	22,632	18
Hawksbury	9,740	9
Silkstone	2,435	8
Tapton	5,755	7

Eastern Counties.

	Tons.	cwts.
Ambergate	100	17
Babbington	186	0
Butterley	3,224	0
Claycross	14,151	13
Codnor Park	1,048	12
Eckington	3,581	0
Etherley	10,617	0
Pinxton	6,988	0
Silkstone	13,204	16
Staveley	2,301	15
Tapton	12,928	0

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The total weight of coal brought, from the districts which have been named, on the Great Northern line in 1854 was 804,683 tons. Of this the distribution in districts was as follows, viz.:—

	Tons.
London to Hatfield	385,898
Welwyn to Peterborough	210,831
Talington to Arksey	61,459
Peakirk to Lea	101,107
East Lincolnshire	45,388

IRON.

In the Yorkshire and Derbyshire Districts.

The iron ore employed in making of iron over the West Riding and Derbyshire coal-fields is chiefly produced in the district. Returns of iron ore raised in 1854 have been received from many of the mines producing it, but as there are some objections to publishing a few individual statements, it is deemed preferable to estimate the quantity from the pig iron produced.

	Tons.
There were in the Yorkshire district 21 furnaces in blast making of pig iron	73,444
There were in the Derbyshire district 25 furnaces in blast, which produced of pig iron	127,500

Over these districts it requires from 3 tons to 3 tons 10 cwt. of ore to make 1 ton of pig iron, consequently about 700,000 tons of iron ore must have been raised.

In the manufacture of iron by the hot blast, including what is used for the engines, calcining, &c., from three to four tons of coal are employed.

In the manufacture of iron by cold blast from four to six tons. The Low Moor and Bierly Iron Works are entirely cold blast, therefore upwards of 1,000,000 tons of coal were employed directly or indirectly in the iron manufacture of Yorkshire and Derbyshire.

Exports.

Of the coal raised in these districts there were exported as follows :—

COASTWAYS.

	Tons.
From Hull	7,644
„ Goole	75,365
„ Grimsby	821
„ Gainsborough	6,056

FOREIGN.

From Hull	54,301
„ Goole	1,685
„ Grimsby	2,800

Of the portion shipped from Hull 464 tons were coke.

In the town of Hull nearly all Yorkshire and Derbyshire coal is employed for domestic purposes, the Flockton coal being more especially in favour; the price of this in February 1855 was to the consumer 20*s.* per ton.

STAFFORDSHIRE AND WORCESTERSHIRE.

In these counties there were during the year more than 500 collieries in full work, which had at least 2,000 pits, and of these a large majority on

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the average produced nearly 100 tons of coal each week. In this manner, which at present is the only plan open for estimating the produce of the district, it would appear, after careful computation, that the produce in 1854 was 7,500,000 tons; of this the quantity carried out of the county was comparatively small, there being not less than 3,415,200 tons of coal required in the manufacture of pig iron alone.

Railway Distribution.

The North Western Railway carried from this district 19,435 tons.

The following places, which received the principal quantities, had delivered by this railway respectively :—

	Tons.
Birmingham	1,726
Crewe	3,972
Kenilworth	2,254
London	1,537
Stafford	3,269

Worcestershire sent by North Western railway 5,005 tons to the metropolis.

In connexion with the industries under our especial consideration, it may be interesting to state that the potters' raw material brought into Staffordshire in 1854 amounted to 108,500 tons, consisting of clay, flints, china-stone, bones, &c., and during the same period the manufactured earthenware exported from North Staffordshire was 61,000 tons.

IRON.

	Tons.
In North Staffordshire there are seven establishments for iron making; in 1854 there were 21 furnaces in blast, making of pig iron	104,000
In South Staffordshire there are 65 iron making establishments; they had 145 furnaces in blast, which produced pig iron	743,600
Total	847,600

On the average, three tons of ore are required to produce one ton of iron, consequently in Staffordshire there was used of iron ore not less than 2,542,800 tons.

	Tons.
Of calcined iron ore there was sent by canal and railway, from North to South Staffordshire	213,500
Of the iron ore from Northamptonshire there was sent into Staffordshire	120,000

The largest portion of the Hæmatite shipped at Whitehaven and Ulverstone, already given, finds its way into this district; some iron ore is also brought from Cleveland.

LANCASHIRE.

Coals raised in 1854 - - 9,080,500 tons.

The number of collieries producing this quantity is 340; and Mr. Dickinson informs us that the number of working pits or shafts, exclusive of those used solely for air, is 679, their average depth being 118 yards.

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RAILWAY DISTRIBUTION.

	Tons.
The Manchester, Sheffield and Lincolnshire Railway passed over their line	239,222

The principal points of this distribution were :—

Ardwick	42,361
Ashton	9,152
Newton	9,789
Mottram	14,434
Glossop	24,330
Hadfield	24,112
Sheffield	30,055
Kiveton Park	4,507
Gainsboro'	1,830
Kirton	3,740
Market Raven	10,398
Lincoln	3,568
Grimsby	4,535

By the North Western Railway there were carried from the several districts of Lancashire 1,248,461 tons.

The chief distributions being as follows :—

Acton	9,335
Brentford	4,805
Bolton	55,762
Broad Green	10,927
Crewe	6,952
Dewsbury	11,464
Edgehill	3,979
Kenyon	25,493
London	41,476
Liverpool	250,340
Manchester	110,065
Do. Oxford Road	23,292
Preston Junction	391,130
Stockport	9,264
St. Helen's	30,035
Shrewsbury	7,840

In a paper communicated by Mr. Dickenson to the Philosophical Society of Manchester, "Statistics of the collieries of Lancashire, Cheshire, and North Wales," is the following information on the quantity of coals consumed in Manchester :—

Mr. Samuel Salt, the head of the Merchandise Department of the north-eastern division of the London and North Western Railway, a member of this society, and a gentleman well known for his valuable statistical publications on commerce, has been so kind as to furnish to the society a return of all the coals brought into Manchester by all conveyances, viz.: road, rail, and water. Mr. Salt obtained his information himself from various sources, with very great care, for all the years named, except those for 1834, 1836, and 1840, which were from other sources.

	Tons.		Tons.
1834	737,008	1849	1,129,171
1836	913,991	1850	1,120,184
1840	1,034,091	1851	1,241,854
1847	954,719	1852	1,436,058
1848	1,011,383	1853	1,221,272

A gentleman engaged in the coal trade estimates the total consumption of coal by Manchester and Salford at 2,000,000 of tons, in round numbers.

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Exports of Iron from Liverpool to the United States in 1854.

Description.	New York.	Boston.	Philadelphia.	New Orleans.	Mobile.	Baltimore.	Charlestown.	San Francisco.	Savannah.	Sundry Ports.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Rods, bars, and bolts	56,456	23,024	9,940	1,654	99	5,774	431	202	514	1,841
Hoops and bands	7,325	1,429	1,022	338	11	397	5	5	50	95
Sheets and plates	10,718	3,413	1,221	293	15	279	3	55	25	74
Rails	23,500	1,583	279	4,226	257	—	2,515	—	1,533	758
Pig Iron	27,822	6,709	9,681	1,881	—	2,184	598	30	121	110
Tin and terne plates*	17,235	2,359	519	1,516	—	160	31	29	35	40
Totals	143,056	38,517	22,662	9,908	382	8,794	3,583	321	2,278	2,919

Total of iron exported from Liverpool, 232,420 tons to the United States.

Exports from Liverpool to British North America.

Description.	Montreal.	Quebec.	St. John, N.B.	Halifax. N.S.	Newfoundland.	Sundry other Ports	Totals.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Rods, bars, and bolts	3,562	4,234	4,845	418	145	1,589	14,802
Hoops and bands	1,602	283	59	34	96	8	2,082
Sheets and plates	4,256	1,197	676	487	14	23	6,653
Rails	7	1,730	335	—	—	—	2,072
Pig iron	1,104	2,207	200	75	—	—	3,586
Tin and terne plates*	866	412	94	66	15	70	1,523
Totals	11,407	10,072	6,209	1,080	270	1,690	30,728

* Tin and terne plates are given in tons, at an estimate weight of twenty boxes to the ton.

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The following exports of Coals were derived almost entirely from the Lancashire Coal-field :—

COASTWAYS.

	Tons.
Liverpool	105,030
Preston	30,892
Fleetwood	21,580

FOREIGN.

Liverpool	347,222
Fleetwood	1,350

CHESHIRE.

Total of coal raised, 786,500 tons.

RAILWAY DISTRIBUTION.

The North Western Railway carried from this district, 157,505 tons.

This was principally distributed as follows :—

	Tons.
Alderley	4,459
Chelford	6,408
Crewe	6,616
Greenfield	1,039
Longsight	6,828
Manchester	27,098
Macclesfield	34,585
Wilmslow	6,862
Stockport	61,786

SHROPSHIRE.

Total of Coals raised from the 48 collieries of this county, 1,080,000 tons.

This is chiefly employed in the iron works, and for the local consumption of the county.

IRON.

From the 26 furnaces in blast, there were produced of pig iron 124,800 tons.

In this district there is consumed on the average, in producing one ton of iron, the following quantities of coals :—

	Tons.	cwts.
For furnace	2	6
For calcining ore	0	3
Blast engines	0	6

About three tons of ironstone produce one ton of pig iron.

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GLOUCESTERSHIRE, SOMERSETSHIRE, AND DEVONSHIRE.

Forest of Dean.

Total produce of Coals, 420,866 tons.

From Mr. Mackworth we learn that there are in the Forest of Dean 60 openings for extraction.

COALS SHIPPED.

	Tons.
From Gloucester - - - - -	78,609
„ Bristol - - - - -	2,323

IRON.

There were raised within the Forest in 1854, of iron ore, 85,506 tons. The quantity of pig iron made was 21,990 tons.

The Bristol Coal-field.

Total produce of Coals, 1,050,500 tons.

In addition to the collieries named in the list (see Appendix) there are many small ones; these are worked so irregularly that they can scarcely be estimated; as far as the quantities which they produce can be ascertained, they are included in the above.

Devonshire.

Bideford Anthracite, 6,500 tons.
Bovey Tracey Lignite, 15,000 tons.

WALES.

NORTH WALES.

ANGLESEA, FLINTSHIRE, AND DENBIGHSHIRE.

Total of coals raised, 1,143,000 tons. In the counties of Denbighshire, Flintshire, and in Anglesea, there are 61 collieries, having 200 pits.

In the Iron Works at Ruabon there were employed about 136,600 tons of coals. A considerable quantity is also consumed at the Lead Works at Chester, Bagilt, Holywell, and at the Zinc Smelting Works of Ruabon.

IRON.

The nine furnaces in blast at the Iron Works of North Wales during 1854 there must have been produced about 32,900 tons of pig iron.

SOUTH WALES.

ANTHRACITE DISTRICTS.

GLAMORGANSHIRE, PEMBROKESHIRE.

The quantity of anthracite coal raised in these districts in 1854, was about 1,000,000 tons.

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BITUMINOUS AND FREE-BURNING COAL DISTRICTS.

MONMOUTHSHIRE, GLAMORGANSHIRE.

The quantities of bituminous and free-burning coal raised in 1854, 7,500,000 tons.

From the WELCH PORTS the following quantities were shipped in 1854:—

COASTWAYS.

	Coals.	Coke.	Culm.
Cardiff	464,552	16,801	—
Newport	506,199	236	—
Swansea	203,700	203	51,991
Neath	59,464	—	73,613
Port Talbot	66,705	2,283	—
Porth Cawl	21,957	228	—
Llanelly	225,386	224	40,792
Milford	21,609	—	29,935
Total	1,569,572	19,977	196,331

FOREIGN.

	Coal	Coke.	Culm.
Cardiff	560,355	5,591	—
Newport	134,184	371	—
Swansea	86,448	—	1,962
Neath	5,698	—	426
Port Talbot	3,689	—	—
Llanelly	19,375	—	3,127
Milford	1,255	—	—
Beaumaris	415	—	—
Total	811,619	5,962	5,515

TOTAL EXPORT by sea from WALES.

COASTWAYS.	Tons.
Coals	1,569,572
Coke estimated as Coal	400,054
Culm	196,331
FOREIGN.	
Coals	811,619
Coke estimated as Coal	11,924
Culm	5,515
Total	2,995,0 5

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Coals carried by Railway from the Southern Coal Fields.

The Great Western delivered within the London District as follows :—

	Tons.
Abercarn	73
Anthracite	755
Ditto Edwards	10
Bituminous	10
Blaengwawr	8
Bristol	77
Cannel	4
Cardiff	97
Coke	4,313
Cribbur	1,458
Davies' Merthyr	785
Forest, Bilson, and Crump	204
Forest of Dean	777
Forest Wallsend	5
Fothergill	158
High Delph	94
House (Trecastle)	95
Lime Coal	22
Llangennech	5,350
Lower Duffryn	9
Merthyr	101
Nag's Head Rubble	15
Nest	200
Newport Red Ash	80
Ninefeet Small	27
Nixon's Merthyr	10,704
Peaengwawr	18
Port Talbot	67
Powell's Duffryn	19,199
Radstock	39
Resolven	1,932
Risca	52
Small	103
Squborwen	7,535
Stone (Star Colliery)	11
Sundries	354
Swansea	453
Traedyrhill	39
Vernault	178
Wayne's Merthyr	12,828
Welch	467
Ditto (Newbridge)	35
Ditto (Newbury)	111
Western Valleys	709
Williams' Duffryn	879
Wood's Merthyr	1,151
Anthracite from several of the anthracite collieries	12,951
	84,592

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Of Welch Coal there was brought into the London Market Coastways:—

	Tons.
Aberaman Merthyr Steam	197
Aberdare	780
Anthracite	3,151
Blaengwawr Merthyr	751
Birch Grove, Graigsla	7,318
Carr's Merthyr	141
Cwmamman Merthyr	363
Ebbw Vale Steam	633
Gwythen Charcoal Vein Steam	260
Landshipping	885
Llangennech	3,079
Merthyr	9,458
Mountain Ash Merthyr	82
Neath Abbey	1,326
Nevill's Llanelly Steam	1,467
Nixon's Merthyr Steam	3,247
Powell's Duffryn Steam	5,665
Resolven	4,927
Sgyborwen Merthyr	4,295
Starbuck's Graigola Steam	305
Stone	33,953
Tredegar Steam	105
Wayne's Merthyr	2,989
Welch	767
	86,144

IRON.

At the 14 establishments in the Anthracite districts of Glamorganshire, with their 21 furnaces in blast, and at the 34 establishments in this and the adjoining county of Monmouthshire, there was made

750,000 tons of Pig Iron.

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SCOTLAND.

The 367 Collieries enumerated produced in 1854 7,448,000 tons of Coals.*

The SHIPMENTS of Coals from Scotland were as follows :—

	Coastways.	Foreign.
	Tons.	Tons.
Leith	14,338	23,685
Borrowstoness	36,549	63,127
Grangemouth	4,294	19,411
Alloa	19,943	45,483
Kirkaldy	34,892	25,800
Dundee	2,704	26,472
Perth	—	42
Arbroath	30	60
Aberdeen	—	512
Lerwick	—	19
Greenock	1,415	22,708
Port Glasgow	20	5,465
Glasgow	66,402	55,277
Irvine	234,865	63,001
Ayr	62,280	408
Dumfries	—	200
Total	476,732	351,680

SUMMARY.

	Tons.
Coastways	476,732
Foreign	351,680
And for Coke included	620
Total sent out of Scotland	829,032

RAILWAY DISTRIBUTION.

We have been favoured with a return from the Caledonian Railway of mineral tonnage received at each station during twelve months ending December 31, 1854.

The term mineral comprising coal, iron, ironstone, iron ores, lime, limestone, and manure, it is not possible to determine either of these with exactness; the following is therefore only an approximation :—

Total tonnage carried, 404,168 tons.

Supposed of Coals as follows :—

	Tons.
Edinburgh	24,034
Glasgow	54,466
Greenock	54,024
Carlisle	4,751
Barrhead	49,163
Polockshaws	10,982
Holytown	42,414
Greenhill	12,098

* For this return I am entirely indebted to Mr. R. Williams, Her Majesty's Inspector of Collieries. In communicating it Mr. Williams says, "I have been over all the different mining districts within the last two months, and the list now sent is made up from every available source of information."

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Scotch Coal sent Coastways to London in 1854.

	Tons.
Alloa	310
Blackbrae's Splint	224
Blind Steam	95
Boghead Parrot	10,680
Capledrae Parrot	433
Clackmannan	468
Cowdenbeath Cannel	254
Cuttlehill Chew Steam	162
Greenwich Hospital, West Hartley	767
Halbeak Main Splint	580
Jewel	559
Kelvinside	562
Knightswood Gas	1,951
Lethan's	70
Little Wraith Parrot	150
Lochgelly	1,803
Methel Cannel	3,513
Turnhill Steam	1,062
Troon Steam	377
Wemyss Steam	126
Woodland	80
W. E. Elgin	1,743
Do. Greenwich Hospital	175
	26,644

IRON.

The quantity of pig iron made in 1854 was as follows :—

	Tons.
Ayrshire	249,600
Lanarkshire	468,000
The other counties	79,040
Total of pig iron	796,640

Two returns, as they appear upon the Iron Brokers' Circulars, give respectively 770,000 tons, and 775,000 „ of pig iron.

The difference between these and the above may be accounted for by the fact that iron made into castings at the works, which does not come into the market, is not included in the brokers' lists.

The Shipments in 1854.	Foreign. Tons.	Coastwise. Tons.
From Clyde and Port Dundas	94,180	144,153
„ Western Ports (Ardrossan, Troon, Ayr, &c.)	28,504	150,041
„ Eastern Ports (Grangemouth, Borrowstoness, Alloa, &c.)	75,677	69,580
Total	198,361	363,774

	Tons.	
Sent Foreign	198,361	
„ Coastways	363,774	585,000
„ Railways	22,865	
Estimated local consumption		300,000
Total		885,000

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The demand was therefore in excess of the supply, which was however met by the stock in hand on the 31st December 1853, which appears to have been 215,000 tons.

The shipments were to the following countries, and as follows :—

	Tons.
Germany, Holland, Denmark, Sweden and Norway	81,623
France	31,193
Italy	8,139
Spain, Portugal, and other European countries	11,362
United States and British North America	148,523
South America, East and West Indies	3,063

Prices per Ton of Scotch Pig Iron.

	s.	*d.*
Highest price	92	3
Lowest price	63	6
Average price	79	8

Mr. Thomas Thorburn remarks,—

"It will be observed that, notwithstanding the war, the total deliveries are in excess of any previous year, excepting the unprecedented 1853 (the delivery of that year was 935,000 tons), by nearly 200,000 tons, and that since the beginning of 1845 they reached the enormous quantity of 6,476,000 tons, realizing fully £18,500,000. The production under the stimulus of such high prices as those so steadily prevailing during nearly the whole year, and in spite of the partial exhaustion of the old mineral fields, and consequent extra cost of bringing ore from a distance, is 60,000 tons in excess of 1853, but is 5,000 tons less than in 1852, when the average price was only 45*s.* 5*d.* per ton."

Scotch Pig Iron exported to the United States in 1854 :—

	Tons.
New York	50,186
Boston	32,638
Philadelphia	14,993
Baltimore	2,382
Providence	6,242
New Orleans	4,844
San Francisco	40
Sundry other ports	2,548
Total	113,873

Scotch Manufactured Iron exported from Glasgow to the United States :—

	Tons.
Boston	976
New York	546
San Francisco	77
Philadelphia	57
Total	1,656

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Scotch Manufactured Iron exported from Glasgow to British North America:—

	Tons.
Montreal and Quebec	15,271
Halifax, N. S.	1,700
Picton	284
St. John, N. B.	223
Newfoundland	202
Miramichi	144
Windsor, N. S.	131
Bathurst, N. B.	38
Dalhousie	6
Total	18,019*

IRELAND.

COAL.

	Tons.
Total of Coal raised (according to returns received) in 1854	53,262
Do. of Culm	75,488
	128,750
Beyond this quantity it is probable there were raised	20,000
Total produce of Ireland	148,750

TOTAL COAL PRODUCE of the UNITED KINGDOM, 1854.

ENGLAND.

	Tons.
Northumberland and Durham	15,420,615
Cumberland	887,000
Yorkshire	7,260,500
Derbyshire	2,406,696
Nottinghamshire	813,474
Warwickshire	255,000
Leicestershire	439,000
Staffordshire and Worcestershire	7,500,000
Lancashire	9,080,500
Cheshire	786,500
Shropshire	1,080,000
Gloucestershire, Somersetshire, and Devonshire	1,492,366
Total	47,421,651

* Cost of production of a ton of iron in Scotland:—

	£ s. d.
32 cwt. of black band ironstone, at 20s. per ton	1 12 0
45 cwt. of splint coal at 6s. „	0 13 6
16 cwt. of dross at 2s. „	0 1 8
7 cwt. of limestone	0 1 9
Labour at smelting works	0 5 0
Sundries, inclusive of horses	0 3 0
Interest on capital	0 3 4
	£3 0 0

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WALES.	
Anglesea, Flintshire, and Denbighshire	1,143,000
Monmouthshire, Glamorganshire, and Pembrokeshire	8,500,000
SCOTLAND.	
Total of all the coal producing districts	7,448,000
IRELAND.	
Total of all the coal producing districts	148,750
Total	64,661,401

TOTAL PRODUCE of PIG IRON in GREAT BRITAIN in 1854 :—

	Tons.
Northumberland, Durham, and North Yorkshire	275,000
Cumberland and Lancashire	20,000
Yorkshire	73,444
Derbyshire	127,500
Staffordshire	847,600
Shropshire	124,800
Flintshire	32,900
SOUTH WALES	750,000
Gloucestershire	21,990
SCOTLAND	796,604
	3,069,838 tons.

TOTAL of COAL brought in 1854 to LONDON :—

	Tons.	cwt.
Great Northern Railway	398,561	18
North Western	271,010	19
Eastern Counties	167,957	18
Great Western	84,592	0
South Eastern	22,934	0
	945,056	5
Total Railways	945,056	5
„ Canals	32,163	19
„ Coastways	3,399,561	0
Total quantity	4,386,771	4

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SUNDRY MINERALS PRODUCED IN 1854.

ZINC.

Since the extensive operations of the Vieille Montagne Company the manufacture of zinc from the English ores, *Calamine* and *Sulphuret of Zinc* (Black Jack), has not been extensive. More attention is, however, now being paid to its production, and several mines are producing and selling considerable quantities of zinc ores. The following amongst others :—

	Black Jack.		Calamine.	
	Tons.	cwts.	Tons.	cwts.
Nant-y-Creiau* - -	43	9	—	
Great Huel Baddern -	57	17	—	
Lisburne - - -	200	0	—	
Greenwich Hospital Mines	800	0	159	0
Foxpath - -	20	0	—	
Cefn Brwyno - -	21	0	—	
Cae Giron - -	33	1	—	
Huel Carpenter - -	80	0	—	
Silverbrook - -	43	3	—	
Minera Mines - -	541	0	—	
Pencorse Consols - -	500	0	—	
Laxey Mines - -	1,435	4	—	
Alston Moor Mines -	756	9	121	18
	4,531	3	280	11

From an estimate carefully made of the products of other districts, and a valuation of the zinc ores of the different mines, it would appear that the value of the zinc smelted in England in 1854 was about 16,500*l.*

Zinc Imports.

Zinc or Spelter - - - - - -	19,583 tons.
Oxide of Zinc - - - - -	336 „

Zinc Exports.

Zinc or Spelter - - - - -	3,030 tons.

SALT.

	Tons.
From Cheshire there appears to have been produced about	850,000
From Worcestershire - - - -	100,000
	950,000
The neighbourhood of Belfast produces about - -	15,000*

* The following information respecting the salt formation of Ireland is important and interesting, as it proceeds from one who is intimately acquainted with the manufacture :— "Salt rock," writes our correspondent, "has recently been discovered on the Marquis of Downshire's property at Carrickfergus, about eight miles from this town (Belfast).

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MUNDIC.—IRON PYRITES.

The comparative cheapness of sulphur has greatly reduced the demand for the sulphur ores of the mines of the United Kingdom. Some is, however, still employed at St. Helen's, Newcastle, and at other places in chemical works, for the manufacture of sulphuric acid, &c.

Ballymurtagh Mine, in county Wicklow, sold 34,000 tons.

The quantity produced in Arklow is estimated at 90,000 tons.

The only English mine from which a return of the pyrites sold has been made is Great Huel Baddern, 128 tons.

Cumberland and Westmoreland have sold to the chemical works on the Tyne 800 chaldrons of 3 tons each, or 2,400 tons, and from the "Brasses" of the Durham and Northumberland coal-fields a similar quantity has been obtained.

In connexion with this ore, and the economy of manufacture, the following facts are of interest:—The pyrites' ash, that is, the remains of the ore, the sulphur being separated, contains 1¼ per cent. of copper, and a trace of silver and gold. The copper is separated as sulphate of copper, and the silver as chloride of silver. This is, of course, brought into the condition of silver cake, and being sent to the metropolis, instead of fetching merely the price of silver about 5*s.* the ounce, it is bought, after assay, at prices varying from 6*s.* to 10*s.* the ounce, the additional value being due to the gold it contains.

ARSENIC.

The total quantity procuced has not been ascertained. The undermentioned mines are the only ones from which returns have been made.

—	—	Value.
	Tons. cwt. qs. lbs.	£ *s.* *d.*
Dolcoath	132 5 0 19	243 17 6
Great Huel Baddern	2 12 2 0	—
Huel Unity Consols	103 11 0 0	—
Carn Brea	145 8 2 0	254 6 8
East Pool	93 1 0 0	188 1 0

The discovery was made in searching for coal by the nobleman just named, about two years since, at a depth of about 550 feet from the surface. It is comprised in a series of strata lying contiguous to each other, the aggregate thickness being about 100 feet. The quality is said to be superior to the Cheshire rock salt. Hitherto no springs have been discovered. A company of Belfast merchants has been formed for the purpose of working the mine, and of manufacturing white salt. Already some cargoes of rock salt have been exported to the continent, and hopes are entertained that this trade will confer important advantages on the shipping interests of this port. With respect to the exportation of white salt, nothing can be done here, as we cannot compete with the manufacturers of Cheshire, who have coals at 6*s.* to 7*s.* per ton, whereas here they are double that price. Again, the Cheshire manufacturers use brine, whereas we shall be obliged to adopt the more costly system of excavating salt rock, from which, when brought to the surface, brine must be made. We must, therefore, confine ourselves to the local consumption, which, however, is about 10,000 tons annually of white salt, principally used by our provision merchants."

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BARYTES.

Of this mineral the following quantities have been sold :—

	Tons.	cwt.
Isle of Arran	600	19
Derrenala Mine	2,500	0
County Cork	80	0
Alston Moor	121	18

NICKEL AND COBALT.

Of these ores the St. Austle Consols sold 75 tons. The production from the Duke of Argyll's property in Scotland has not been ascertained.

UMBER, ROTTEN STONE, AND OCHRE.

	Tons.	cwt.	qrs.	lbs.
The Isle of Man Iron Company sold	163	19	3	26

GENERAL SUMMARY of the MINERAL PRODUCE of the UNITED KINGDOM in 1854, valued at the Current Prices of the Year.

			£
Tin	Tons,	5,763	690,000
Copper	,,	13,042	1,229,807
Lead	,,	64,005	1,472,115
Silver	Ozs.	700,000	192,500
Iron (pig)	Tons,	3,069,838	9,500,000
Coal (at pits)	,,	64,661,401	14,975,000
Zinc		—	16,500
Arsenic, sulphur ores, and sundry minerals		—	500,000
			28,575,922

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PEOPLE EMPLOYED IN MINING OPERATIONS
1854.

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ENGLAND.

The NUMBER of MALE PERSONS employed in MINING OPERATIONS in the MINING DISTRICTS of ENGLAND.

County.	Coal Mining.	Iron Mining.	Copper Mining.	Tin Mining.	Lead Mining.
Cornwall	—	192	15,608	12,255	2,499
Devonshire	36	113	1,185	583	782
Somersetshire	5,180	68	—	—	85
Gloucestershire	2,007	211	—	—	—
Herefordshire	220	—	—	—	—
Shropshire	4,580	1,142	—	—	335
Staffordshire	25,681	2,870	27	—	73
Worcestershire	2,188	252	—	—	—
Warwickshire	1,414	47	—	—	—
Northamptonshire	—	200	—	—	—
Leicestershire	1,646	—	—	—	—
Lincolnshire	—	50	—	—	—
Nottinghamshire	3,671	—	—	—	—
Derbyshire	5,434	1,428	—	—	2,265
Cheshire	2,618	—	—	—	5
Lancashire	28,834	546	314	—	12
Yorkshire	21,080	1,164	—	—	2,122
Durham	28,265	610	—	—	2,628
Northumberland	10,536	62	—	—	1,070
Cumberland	3,579	369	57	—	1,840
Westmoreland	57	52	25	—	317
Scattered over the other English counties, according to census, in small numbers	94	14	15	41	10
Isle of Man	—	24	3	—	656
Total	147,070	9,414	17,234	12,879	14,499

WALES.

The NUMBER of MALE PERSONS employed in MINING OPERATIONS in the MINING DISTRICTS of SOUTH and NORTH WALES for 1854.

County.	Coal. Mining.	Iron Mining.	Copper Mining.	Tin Mining.	Lead Mining.
Monmouthshire	11,367	3,404	—	—	—
Glamorganshire	15,295	5,079	—	—	26
Carmarthenshire	3,344	19	—	—	198
Pembrokeshire	926	3	—	—	—
Cardiganshire	—	—	57	—	1,686
Brecknockshire	1,541	1,767	—	—	—
Montgomeryshire	56	—	—	—	1,077
Flintshire	1,555	—	—	—	1,861
Denbighshire	3,017	3	—	—	925
Merionethshire	37	—	20	—	77
Carnarvonshire	125	—	—	—	132
Anglesea	51	3	20	—	—
Total	37,314	10,278	97	—	5,982

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SCOTLAND

NUMBER of MALE PERSONS employed in MINING OPERATIONS in the MINING DISTRICTS of SCOTLAND.

County.	Coal Mining.	Iron Mining.	Copper Mining.	Tin Mining.	Lead Mining.
Dumfrieshire	190	—	—	—	209
Kircudbright	3	17	12	—	306
Wigtonshire	—	—	—	—	52
Ayrshire	6,061	1,943	—	—	8
Buteshire	3	—	—	—	—
Renfrewshire	790	—	—	—	2
Dumbartonshire	549	—	—	—	—
Lanarkshire	15,580	3,645	—	—	149
Stirlingshire	2,233	—	—	—	—
Linlithgowshire	751	988	—	—	—
Edinburghshire	1,784	103	—	—	—
Peebleshire	38	—	—	—	—
Haddingtonshire	648	—	—	—	—
Fifeshire	3,209	596	—	—	—
Clackmannanshire	928	4	—	—	—
Perthshire	111	—	3	—	39
Argyleshire	69	—	—	—	132
Scattered through the other countries	24	8	—	—	—
Total	32,969	7,294	15	—	897

GREAT BRITAIN.

THE NUMBER of FEMALES employed in MINERAL INDUSTRIES in the MINING DISTRICTS of GREAT BRITAIN for 1854.

County.	Coal.	Iron.	Copper.	Tin.	Lead.
Cornwall	—	20	3,684	1,876	362
Devonshire	—	—	162	6	—
Somersetshire	3	—	—	—	9
Gloucestershire	6	—	—	—	—
Shropshire	597	—	—	—	—
Staffordshire	567	—	—	—	—
Worcestershire	62	—	—	—	—
Warwickshire	5	—	—	—	—
Nottinghamshire	33	—	—	—	—
Derbyshire	4	—	—	—	—
Lancashire	63	—	—	—	—
Yorkshire	74	—	—	—	—
Durham	38	—	—	—	—
Northumberland	8	—	—	—	—
Cumberland	—	—	—	—	—
Monmouthshire	395	—	—	—	—
South Wales	664	—	—	—	—
North Wales	11	—	—	—	—
Scotland	112	—	—	—	—
Total	2,642	20	3,846	1,882	371

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TOTAL NUMBER of PERSONS employed in MINING OPERATIONS in GREAT BRITAIN. Corrected, as far as possible, for the Year 1854.

Mineral Occupation.	Men and Women of all Ages.	Under 20 Years of Age.		Twenty Years and upwards.	
		Male.	Female.	Male.	Female.
Coal	219,995	65,705	1,290	151,648	1,352
Iron	26,106	6,331	20	19,755	—
Copper	21,169	5,323	2,353	12,023	1,493
Tin	14,761	4,305	1,039	8,574	843
Lead	21,749	4,937	271	16,441	100
Zinc, &c.	174	46	21	79	28
Total	303,977	86,647	4,994	208,520	3,816

SUMMARY.

Males under 20	86,647
Do. 20 and upwards	208,520
Total	295,167
Females under 20	4,994
Do. 20 and upwards	3,816
Total	8,810
Total number employed in Mining Operations in Great Britain	303,977

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APPENDIX.

COLLIERIES OF THE UNITED KINGDOM.

ENGLAND.

DURHAM AND NORTHUMBERLAND.

SEASALE COLLIERIES.

No.	Name of Colliery.	Where situated.	Owner's Name.
1	Allerdean - - -	The District of the Tyne, including Blyth and Coquet -	Barkass and Company.
2	Andrews House - -	„	Bowes, Hutt, Wood, Palmer, and Company. (The Marley Hill Company.)
3	Ashington - - -	„	Henderson and Company.
4	Backworth - -	„	Lamb, Walker, and Co.
5	Barrington - - -	„	Longridge and Company.
6	Bedlington - -	„	Anderson, Henderson, and Co.
7	Bebside - -	„	N. Lambert, Nicholson, and Co.
8	Benton - - -	„	Cookson, Cuthbert, and Liddell.
9	Bigges Main - - -	„	Allan and Company.
10	Blaydon Burn - -	„	John Cowen.
11	Blaydon Main - -	„	Messrs. Ramsay.
12	Blenkinsop - - -	„	Crawhall and Company.
13	Broomhill - - -	„	Burdon, Barkass, and Company.
14	Burnopfield - -	„	Marley Hill Company.
15	Burradon - - -	„	J. Carr and Company.
16	Bush Blades - - -	„	J. Joicey and Company.
17	Charlan - -	„	Richardson, Hunter, and Co.
18	Coxlodge - - -	„	Trustees of late J. Brandling.
19	Cramlington, East - -	„	J. Lamb, Potters, and Scott.
20	Do. West - -	„	Lambe, Walker, Maude, and Co.
21	Craghead - -		Hedley Brothers.
22	Cowpen - - -	„	J. Carr and Company.
23	Conside - -	„	Conside Iron Company.
24	Copley - - -	„	Trustees of G. Prattman.
25	Earsdon - - -	„	H. Taylor and Company.
26	Eighton Moor - -	„	W. Burdon, Esq.
27	Edmonsley - - -	„	Sunderland Bank.
28	Elswick - - -	„	Muschamp and Company.
29	Furnaces or Norwood -	„	Marley Hill Company.
30	Felling - - -	„	J. Carr, Dryden, and Co.
31	Framwellgate Moor -	„	Green, Hunter, and Co.
32	Friars Goose - -	„	Losh, Easton, and Co.
33	Garesfield - -	„	Marquis of Bute and Company.
34	Gateshead - - -	„	Marley Hill Company.
35	Gosforth - - -	„	Trustees of late J. Brandling.
36	Greenhead - - -	„	Crawhall and Company.
37	Haltwhistle - -	„	Maddison and Company.
38	Hartley - - -	„	J. Carr and Company.
39	Harton - - -	„	Wood, Philipson, and Co.
40	Hebburn - -	„	Eastons and Andersons.
41	Heddon - - -	„	R. Stephenson.
42	Heworth - - -	„	Henderson, Anderson, and Co.
43	Holmside - - -	„	Hedley Brothers.
44	Holywell, East - -	„	Taylor, Plummer, and Co.
45	Do. West - -	„	Plummer and Company.

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No.	Name of Colliery.	Where situated.	Owner's Name.
46	Jarrow	The district of the Tyne, including Blyth and Coquet	Wood, Philipson, and Co.
47	Kibblesworth	"	Marley Hill Coal Company.
48	Killingworth	"	Do.
49	Lanchester and Medomsley	"	Richardson and Company.
50	Lintz Hall	"	Gooch and Company.
51	Manor Wallsend	"	Wood, Philipson, and Co.
52	Marley Hill	"	Marley Hill Coal Company.
53	Mickley	"	Cookson, Cuthbert, and Liddell.
54	Mount Moor	"	Marley Hill Coal Company.
55	Montague Main	"	H. Carr, of Scotswood and Co.
56	Netherton	"	Trustees of J. Birkenshaw.
57	Nettlesworth	"	John Jonas and Elliott.
58	North Sunderland	"	
59	North Seaton	"	J. Carr and Company.
60	Oakwellgate	"	Easton and Anderson.
61	Oxclose	"	John Jonas and Elliott.
62	Ouston	"	Hunt, Perkins, and Co.
63	Pelaw	"	Do.
64	Pelton	"	Fairless and Company.
65	Pontop	"	Marley Hill Company.
66	Ratcliffe	"	Harrison, Carr, and Co.
67	Sacriston	"	Bell and Company.
68	Seaton Burn	"	Marley Hill Company.
69	Seaton Delaval	"	Lamb, Burdon, Barnes, and Co.
70	Seghill	"	J. Carr and Company.
71	Sheriff Hill	"	Muschamp and Company.
72	Spital Tongue	"	Richardson and Company.
73	Springwell	"	Marley Hill Company.
74	South Moor	"	Hedley and Morrison.
75	Stanley (Tanfield)	"	Burn, Clark, Swainston, and Co.
76	Stella	"	Potter, Dunn, and Co.
77	Tanfield Moor	"	James Joicey and Co.
78	Tanfield, South	"	Do.
79	Tanfield, East	"	Do.
80	Tanfield Lea	"	Do.
81	Twizell	"	Do.
82	Team (Eighton Moor)	"	W. Burdon.
83	Tyne Main	"	Losh, Easton, and Co.
84	Townley	"	Potter, Dunn, and Co.
85	Togstone	"	George Smith.
86	Urpeth	"	Hunt, Perkins, and Co.
87	Usworth	"	John Jonas and Elliott.
88	Walbottle	"	Lamb, Potters, and Co
89	Waldridge	"	Sowerby, Phillips, and Co.
90	Walker	"	N. Lambert, Nicholson, and Co.
91	Wallsend	"	Losh, Bell, and Co.
92	Washington	"	Bell, Crowdace, and Co.
93	Willington	"	M. Bell, Allan, and Co.
94	Wylam	"	H. Blackett.
1	Beamish	Wear and Seaham District	James Joicey and Company
2	Belmont	"	Bell, Crondace, and Co.
3	Broomside	"	Marquis of Londonderry.
4	Durham, Old	"	Do.
5	Elvet	"	T. Crawford.
6	Eppleton	"	Hetton Coal Company.

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No.	Name of Colliery.	Where situated.	Owner's Name.
7	Grange Keepier	Wear and Seaham district	N. Wood and Company.
8	Grange Rainton	"	Lord Durham, N. Wood, and Co.
9	Hetton, Great	"	Hetton Coal Company.
10	Hetton, South	"	Burrell, Green, and Co.
11	Hetton, North	"	Hetton-Coal Company and Lord Durham.
12	Haswell	"	Plummer, Taylor, and Co.
13	Houghton-le-Spring	"	Earl of Durham.
14	Harraton	"	Bell, Stobart, and Co.
15	Keepier	"	R. Dixon.
16	Lambton	"	Earl of Durham.
17	Lumley	"	Bell, Stobart, and Co.
18	Little Town	"	Earl of Durham.
19	Monkwearmouth	"	Bell, Stobart, and Co.
20	Murton or Dalton	"	Burrell, Green, and Co.
21	Newbottle	"	Earl of Durham.
22	Pensher	"	Marquis of Londonderry.
23	Pottington	"	Do.
24	Rainton	"	Do.
25	Shincliffe	"	Davidson, Morrison, and Co.
26	Seaham	"	Marquis of Londonderry.
27	Seaton	"	Lord Durham, Wood, Philipson, and Co.
28	Sherburn Grange	"	Earl of Durham.
29	Sherburn House	"	Do.
30	Whitwell	"	Ogden and Company.
1	Acorn Close	Tees, Hartlepool, and Stockton.	
2	Adelaide	"	J. Pease and Company.
3	Aukland	"	Do.
4	Do. West	"	Bolckow and Vaughan.
5	Berry Edge	"	Conside Iron Company.
6	Bitchburn, South	"	H. Stobart and Company.
7	Do. North	"	Straker and Love.
8	Black Boy	"	Nichs. Wood and Company.
9	Bowden Close	"	J. Pease and Company.
10	Brancpeth	"	Straker and Love.
11	Butterknowle	"	Trustees of G. Prattman.
12	Byer's Green	"	J. Robson and Company.
13	Cassop and Cassop Moor	"	R. P. Philipson and Company
14	Castle Eden	"	— Wooler,
15	Cold Knot	"	
16	Cockfield	"	G. Dixon and Company.
17	Conside	"	Conside Iron Company.
18	Coxhoe	"	J. Robson and Company.
19	Creswell	"	Richardson and Company
20	Crag Wood	"	P. Booth and Company.
21	Crook Hall	"	Richardson and Company.
22	Crowtrees	"	J. Robson and Company.
23	Elm Park	"	Hunter and Company.
24	Eldon	"	J. Pease and Company.
25	Etherley	"	H. Stobart and Company.
26	Evenwood	"	Armstrong and Company.
27	Gordon	"	P. Booth and Company.
28	Headley Hope	"	J. Pease and Company.
29	Heugh Hall	"	J. Robson and Company.

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No.	Name of Colliery.	Where situated.	Owner's Name.
30	Hunwick	Tees, Hartlepool, and Stockton.	J. Robson and Company.
31	Hough Hall	"	Crawford, Bell, and Co.
32	Job's Hill	"	J. Pease and Company.
33	Kelloe, Old	"	M. Forster, Esq,
34	Kelloe, South (Coxhoe)	"	J. Robson and Company.
35	Lands	"	H. Stobart and Company.
36	Leasingthorne	"	N. Wood and Company.
37	Ludworth	"	T. Wood, Burrell, Gulley, & Co.
38	Marshall Green	"	Muschamp and Company.
39	Newfield	"	J. Robson and Company.
40	Norwood	"	P. Booth and Company.
41	Pease's West	"	Jos. Pease and Company.
42	Roddy Moor	"	Do.
43	Rutter's Colliery	"	H. Rutter.
44	Rodridge	"	Martin and Moses Seymour.
45	Stanley	"	J. Pease and Company.
46	Sheldon Grange	"	Bolckow and Vaughan.
47	Shotton	"	Plummer, Taylor, and Co.
48	Sunny Brow	"	Straker and Love.
49	Thistle Flat	"	Trustees of W. Sharp.
50	Thornley	"	T. Wood, Burrell, and Gulley
51	Towlaw	"	Attwood and Company.
52	Trimdon	"	T. Wood, Burrell and Co.
53	Trimdon Grange	"	M. Forster.
54	Westerton	"	P. Johnson and Company.
55	Whitworth	"	Do.
56	Willington	"	Straker and Love.
57	Wingate Grange	"	Lord Howden.
58	Witton	"	Bolckow and Vaughan.
59	Woodhouse Close	"	G. Heckells and Company.
60	Woodyfield Crook	"	Bolckow and Vaughan.

LANDSALE COLLIERIES.

1	Acklington	These are widely distributed over the district.	Messrs. Cowens.
2	Acomb		Smith, Stobart, and Co.
3	Allerdean		Barkass, Burdon, and Co.
4	Bar Moor		
5	Bog Hall		N. Grace and Company.
6	Brandon		Straker and Love.
7	Callerton		M. Forster.
8	Chirton		Representatives of H. Hope.
9	Dockendale		Cocken Carr.
10	Kyoe		
11	Etal		J. Carr and Company.
12	Eshott		Messrs. Cowens.
13	Elsdon		
14	Ford Moss		
15	Fallowfield		Fallowfield Lead Company,
16	Fourstones		
17	Fenwick		Sir E. Blackett, Bart.
18	Framlington		John Robson and Company.
19	Gathrick		J. Carr and Company.
20	Greenlaw Walls		Do.
21	Hedley		
22	Heddon		J. Stephenson.
23	Lough's Colliery		
24	Lynehope		

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No.	Name of Colliery.	Where situated.	Owner's Name.
25	Lanchester	Lanchester	J. Graham.
26	Morpeth Banks	Morpeth	Anderson and Son.
27	Micklay	Eltringham	
28	Morwood		
29	Newton-on the-Moor		John Robson and Company.
30	Prestwick	Prestwick	M. Bell, Esq.
31	Paddock Myers		
32	Park House		
33	Prudhoe	Prudhoe	M. Johnson.
34	Scremerston		J. Carr and Company.
35	Shilbottle		Messrs. Taylor.
36	Shoreswood		J. Carr and Company.
37	Townhill	Berwick	Do.
38	Ushaw Moor		M. Holiday.
39	Whickham		Southern and Watson.
40	Widdrington	Widdrington	M. Coulson.
41	Winlaton		J. Cowen.
	CUMBERLAND.		
1	Bolton	Wigton	Addison and Company.
2	Broughton Moor	Maryport	Fletcher, Ross, and Co.
3	Camerton	Workington	
4	Cleator Moor	Whitehaven	Barker and Company.
5	Clifton	Workington	Earl of Lonsdale.
6	Crossbarrow and another	Do.	Isaac and W. Fletcher.
7	Dearham	Maryport	Messrs. Walker.
8	Dovenby	Do.	Steel and Company.
9	Ellenborough	Do.	Harris and Son.
10	Flimby	Do.	Wilson and Co.'
11	Grey Southern	Workington	John Harris and Son.
12	Do.	Do.	Messrs. Fletcher.
13	Gilcruix	Maryport	Steel and Company.
14	Harrington	Harrington	J. Curwen.
15	Priest Croft	Wigton	— Drewry.
16	Reay Pit	Whitehaven	Earl of Lonsdale.
17	Seaton	Maryport	Messrs. Wilson and Co.
18	Do.	Do.	Nicholson and Company.
19	Threepthwaite	Whitehaven	Cleator Company.
20	Weary Hall	Wigton	Addison and Co.
21	Whitehaven Collieries	Whitehaven	Earl of Lonsdale.
22	Workington	Workington	J. Curwen.
23	Wyndham Pit	Wigton	— Drewry.
	YORKSHIRE.		
1	Adwalton	Leeds	George Ellison.
2	Accommodation Road	„	Thos. Robinson and Company.
3	Allerton Main	„	J. Bower and Company.
4	Do.	„	Carter and Company.
5	Astley	„	Harding and Company.
6	Beeston Manor	„	Do. Brothers.
7	Brown Moor	„	E. Wande.
8	Castleford	„	T. M. Carter and Company.
9	Chirwell	„	Rev. C. Smith.
10	Do.	„	E. Maude.
11	Do.	„	J. Holmes.
12	Colton	„	J. Faviell.

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No.	Name of Colliery.	Where situated.	Owner's Names.
13	Cross Green	Leeds	E. T. Maude.
14	Farnley	,,	Armitage and Co.
15	Garforth	,,	Gascoigne and Co.
16	Gildersome	,,	Messrs. Haigh.
17	Do.	,,	Edw. Ackroyd Brothers.
18	Do.	,,	Halliday Brothers.
19	Kippax	,,	Lock and Co.
20	Knosthorpe	,,	E. T. Maude.
21	Manston	,,	E. Wande.
22	Methley	,,	Benjn. Bromley.
23	Micklefield	,,	E. Wande.
24	Middleton	,,	Bower and Company.
25	Do.	,,	Chs. Brandling.
26	Nevill Hill	,,	J. B Faviell.
27	Osmondthorpe	,,	W. H Wilkes.
28	Robin Hood	,,	Messrs. Charlesworth.
29	Rock	,,	Wilcock and Lassey.
30	Rothwell Haigh	,,	Messrs. Charlesworth.
31	Street Lane	,,	
32	Thorpe Hall	Knosthorpe	Kirby Fenton.
33	Waterloo Main	,,	T. T. Leather.
34	White Horse	,,	Messrs. Garside.
35	Wortley	,,	Ingham and Sons.
36	York Road	,,	Messrs. Garside.
1	Adwalton	Bradford	M. Midgley.
2	Do.	,,	S. Garforth and Co.
3	Do.	,,	Wm. Bowers and Brothers.
4	Do.	,,	— Gledhill and Brothers.
5	Do.	,,	G. Nenton and Brothers.
6	Do.	,,	M. Dennison.
7	Bierly	,,	Hird, Dawson, and Hardy.
8	Do. North	,,	Sturges and Co.
9	Birkenshaw	,,	E. Ackroyd and Brothers.
10	Do.	,,	Terry and Company.
11	Do.	,,	J. Speight.
12	Bowling	,,	Sturges and Company.
13	Do.	,,	Chas. North.
14	Bradford Moor	,,	Clayton and Company.
15	Do.	,,	Pollard and Company.
16	Bradshaw Lane	,,	Holmes and Co.
17	Cottingley Moorbottom	,,	J. Firth.
18	Denholme Clough	,,	W. Illingworth.
19	Do.	,,	— Briggs.
20	Do.	,,	Baxendale and Company.
21	Driglington	,,	Terry and Co.
22	Do	,,	Asquith and Company.
23	Eccleshill	,,	J. Michell.
24	Do.	,,	J. Woodhead.
25	Gildersome	,,	A. Seed.
26	Do.	,,	Monk Newell.
27	Gomersall	,,	J. Speight.
28	Do.	,,	J. Wilson.
29	Do.	,,	J. Jackson.
30	Do.	,,	J. Adamson.
31	Do.	,,	G. Emmett.
32	Gomersall, Little	,,	W. Rhodes.
33	Do.	,,	J. Merritt.
34	Harp Bottom	,,	J. Briggs.
35	Do.	,,	T. Greenwood.

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No.	Name of Colliery.	Where situated.	Owner's Name.
36	Headley	Bradford	Harropp and Company.
37	Do.	,,	J. Wood.
38	Heaton	,,	G. Heaton.
39	Hunsworth	,,	Sturges and Company.
40	Low Moor	,,	Hird, Dawson, and Hardy.
41	Mountain End	,,	Foster and Company.
42	Newmarket	,,	Halliday and Company.
43	Do.	,,	Bray and Company.
44	North Cliff	,,	Messrs. Cockshott.
45	Oakenshaw	,,	Hird, Dawson, and Hardy.
46	Queen's Head	,,	J. Foster.
47	Shelf	,,	C. North.
48	Do.	,,	Holmes and Company.
49	Do.	,,	W. Washington.
50	Do.	,,	J. Knight.
51	Do.	,,	Hird, Dawson, and Hardy.
52	Stream Head	,,	Baxendale and Company.
53	Do.	,,	H. Townend.
54	Thornton	,,	A. Spencer.
55	Do.	,,	Hellington and Company.
56	Tong	,,	Sturges and Company.
57	Tong Street	,,	J. Scholfield.
58	Do.	,,	John Hall.
59	Do.	,,	Ward and Company.
60	Wibsey	,,	Holmes and North.
61	Do.	,,	Hird, Dawson, and Hardy.
62	Wike		Do.
63	Wilsden		Baxendall and Company.
1	Atkin Flats	Huddersfield	Jones and Company.
2	Barn Side	,,	E. Tinker.
3	Bradley	,,	Charles Wheatley.
4	Cumberworth	,,	C. Lobb.
5	Do.	,,	J. Peace.
6	Do.	,,	Armitage and Company.
7	Elland Edge	,,	Pitchforth and Company.
8	Emly Moor	,,	I. and I. Jagger.
9	Emly Woodhouse	,,	E. Stringer.
10	Flockton Moor	,,	C. Stockwell.
11	Do.	,,	I. and I. Jagger.
12	Do.	,,	Messrs. Haigh.
13	Flockton	,,	R. Wood.
14	Field House	,,	J. Brook.
15	Grange Moor	,,	Messrs. Stansfield.
16	Do.	,,	T. Cutt.
17	Grimescar	,,	Jones and Company.
18	Honley	,,	Messrs. Haigh.
19	Hor Ing	,,	Do.
20	Jagger Green	,,	E. Shaw.
21	Kirkburton	,,	T. Shepherd.
22	Do.	,,	W. Alderson.
23	Do.	,,	George Haigh.
24	Law	,,	E. Tinker.
25	Meal Hill	,,	Do.
26	New Mills	,,	Do.
27	Parr Town	,,	Sir John Ramsden, Bart.
28	Quebec	,,	T. Cutt.
29	Shelley	,,	I. and I. Jagger.
30	Thurston Land	,,	Thurston Coal Company.

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No.	Name of Colliery.	Where situated.	Owner's Name.
31	Tom Royd		Messrs. Haigh.
32	Winter Hill		Messrs. Norton.
1	Ardsley Oaks	Barnsley	Firth and Company.
2	Barnsley	"	W. Hopwood.
3	Brompton	"	Messrs. Taylor and Co.
4	Charlton Brook	"	— Roebuck.
5	Cort Wood	"	Messrs. Taylor and Co.
6	Darley Main	"	Darley Main Company.
7	Eastfield	"	Smith and Company.
8	Do.	"	— Wilcock.
9	Do.	"	Beet and Company.
10	Gawber	"	Messrs. Thorpe.
11	New Gawber Hall Colliery	"	Sturges, Paley, and Mason.
12	Higham	"	Messrs. Charlesworth.
13	Honey Well	"	Messrs. Thorpe.
14	Hoyland	"	Day and Twibell.
15	Mapplewell	"	Sutcliffe and Company.
16	Do.	"	Thorpe and Company.
17	Mount Osborne	"	Day and Twibell.
18	Oaks Colliery	"	F. Barber and Company.
19	Sand Hill	"	Taylor and Company.
20	Shafton	"	Proctor and Company.
21	Silkstone	"	Mrs. Clarke.
22	Do.	"	Messrs. Charlesworth.
23	Stamboro' Park	"	Cooper and Company.
24	Thurgoland	"	Firth and Company.
25	Woolley	"	Woolley Coal Company.
26	Wombwell	"	Taylor and Company.
27	Wombwell Wood	"	Wombwell Coal Company.
28	Worsbro' Dale	"	Michell and Company.
1	Bank Top	Halifax	J. Waddington.
2	Binn's Bottom	"	— Hebblethwaite.
3	Do.	"	J. Holt.
4	Clifton	"	Benjamin Walker.
5	Lightcliff	"	J. Stokes.
6	Quarry House	"	Homes and Company.
7	Do.	"	J. Mann.
8	Do.	"	Messrs. Thwaite.
9	Do.	"	M. Stocks.
10	Do.	"	Ebblestone and Company.
11	South Owram	"	Holt and Company.
12	Do.	"	J. Wilcock.
13	Swanbank	"	Rawson and Company.
14	Do.	"	T. F. Lambert.
1	Altofts	Wakefield	Pope and Company.
2	Ardsley	"	B. Roberts.
3	Balne Lane	"	Barker and Company.
4	Bottom Bolt	"	Messrs. Charlesworth.
5	Bretton	"	I. and I. Jagger.
6	Crigglestone	"	Messrs. Broughton.
7	Do.	"	N. Kaye.
8	Dirtcar	"	Messrs. Charlesworth.
9	Denby Grange	"	Sir John L. L. Kaye, Bart.
10	Emroyd	"	Messrs. Stansfeld.
11	Flockton	"	Do.
12	Fox Holes	"	B. Burnley.
13	Netherton	"	Messrs. Charlesworth.
14	New Market	"	Do.

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No.	Name of Colliery.	Where situated.	Owner's Name.
15	Nostell	Wakefield	Charles Winn.
16	Newton	"	Henry Briggs.
17	St. John's	"	B. Burnley.
18	St. John's Cliff	"	Marsland and Company.
19	Victoria Colliery	"	Hudson and Company.
20	Westgate Common	"	Woodhead and Company.
21	Whitwood	"	Henry Briggs.
22	Do.	"	Pope and Company.
23	Woodmore	"	Messrs. Charlesworth.
24	Wrenthorpe	"	Micklethwaite and Company.
1	Brampton	Rotherham	Taylor and Company.
2	Dropping Well	"	Messrs. Barber.
3	Elsecar, Lower	"	Earl Fitzwilliam.
4	Do. Upper	"	Do.
5	Kimberworth	"	G. Jarvis.
6	Masborough	"	G. W. Chambers.
7	Park Gate	"	Messrs. Sellers.
8	Raromarsh	"	Barber and Son.
9	Do.	"	J. Knapton.
10	Do.	"	Earl Fitzwilliam.
11	Do.	"	Messrs. Charlesworth.
12	Swallow Wood	"	Earl Fitzwilliam.
13	Swinton Park	"	Messrs. Charlesworth.
14	Thorpe Common	"	G. Shaw.
15	Thryberg	"	Ommaney and Company.
16	Warren Vale	"	Messrs. Charlesworth.
17	West Melton	"	J. Law.
1	Attercliffe	Sheffield	Smith and Company.
2	Carbrook	"	Sheffield Coal Company.
3	Deep Car	"	Haigh and Company.
4	Dunnorth	"	Do.
5	Ecclesall	"	E. Ramsden.
6	Do.	"	W. Butterhill.
7	Do.	"	G. Sykes.
8	Fence	"	Beet and Company.
9	Handsworth	"	R. Sorby.
10	Handsworth Woodhouse	"	Habbershon and Hibberd.
11	High Green	"	G. Chambers.
12	Intake	"	W. Newbold.
13	Manor	"	Sheffield Coal Company.
14	Pilley	"	Wharncliffe Coal Company.
15	Pilley Wood	"	Newton and Company.
16	Pits Moor	"	H. Unwin and Shaw.
17	Smithy Wood	"	
18	Sheffield	"	Sheffield Coal Company.
19	Swallow Nest	"	France and Company.
20	Thorncliffe	"	Newton and Company.
21	Tinsley Park	"	Huntsman and Company.
22	Upper Hallam	"	M. Ridale.
23	Woodhouse Mill	"	France and Company,
24	Woodthorpe	"	J. Rhodes.
1	Batley	Dewsbury	Cristley and Company.
2	Birstall	"	Do.
3	Do.	"	J. Clapham.
4	Do.	"	J. Rhodes.
5	Clough	"	N. Cardwell.
6	Cromwell	"	Joshua Ingham.

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No.	Name of Colliery.	Where situated.	Owner's Name.
7	Dewsbury	Dewsbury	J. Brook.
8	Dewsbury Moor	,,	J. Haigh.
9	Gregory Springs	,,	N. Cardwell.
10	Hartshead Moor Bottom	,,	G. Beanland.
11	Do.	,,	Clegg and Company.
12	Do.	,,	D. Holloroyd.
13	Hartshead	,,	M. Sheard.
14	Herley Lane	,,	N. Kaye.
15	Heckmondwicke	,,	Marriott and Company.
16	Do.	,,	Rowe and Company.
17	Do.	,,	Baxendale and Company.
18	Do.	,,	G. Halliday.
19	Do.	,,	Marriott and Company.
20	Helm	,,	C. Wheatley.
21	Hopton	,,	A. Sheard.
22	Hostingley	,,	Joshua Ingham.
23	Ings	,,	Do.
24	Lane Dyehouse	,,	J. Whitley.
25	Ledgard	,,	Stancliffe and Company.
26	Lepton	,,	A. Sheard.
27	Liversedge	,,	J. Sheard.
28	Mirfield	,,	A. Sheard.
29	Northorp	,,	— Barroughcliff.
30	Ossett	,,	Terry and Company.
31	Do.	,,	Charles Wheatley.
32	Do.	,,	John Greeves.
33	Robertown	,,	W. Parkin.
34	Do.	,,	Mann and Company.
35	Soot Hill	,,	J. Brook.
36	White Lee	,,	S. Kellatt.
37	Do.	,,	Barstow and Company.
38	Whitley	,,	L. Kitson.
	DERBYSHIRE.		
1	Apperknowle	Chesterfield	G. Wright.
2	Barlborough	,,	R. Swallow.
3	Barlborough Common	,,	Appleby and Company
4	Barns	Dronfield	Spurr and Company.
5	Beauchieffe	Chesterfield	H. Hunt.
6	Birley Vale	,,	Sheffield Coal Company.
7	Boythorp	,,	Yates and Company.
8	Branley Moor	,,	Wells and Company.
9	Brimington	,,	J. Knowles.
10	Do.	,,	W. Ripley.
11	Clay Cross	,,	T. Hayes.
12	Do.	,,	J. Clegg.
13	Do.	,,	J. Walters.
14	Do.	,,	Clay Cross Company.
15	Do.	,,	Messrs. Pearson.
16	Coal Aston	,,	J. Rhodes.
17	Cottam	,,	Appleby and Company.
18	Corbriggs	,,	Barnes and Company.
19	Dove	,,	M. Wilbraham.
20	Do.	,,	J. Hancock.
21	Dove	,,	Pearce and Company.
22	Dronfield	,,	Messrs. Lucas.
23	Do.	,,	Johnson and Company.
24	Do.	,,	G. Wright.

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No.	Name of Colliery.	Where situated.	Owner's Name.
25	Dronfield Woodhouse	Chesterfield	Bouker and Company.
26	Dunstone	,,	M. Knowles.
27	Do.	,,	W. Orwin.
28	Do.	,,	Messrs. Lankester.
29	Duckmanton	,,	M. Arkwright.
30	Eckington	,,	Wells and Company.
31	Grassmoor	,,	Barnes and Company.
32	Do.	,,	M. Knowles.
33	Hallows	,,	M. Badger.
34	Highfield	Dronfield	R. Wright.
35	Hollingwood	Chesterfield	R. Barrow.
36	Holmwood Heath	,,	Joshua Thornley.
37	Hopewell	,,	R. Barrow.
37	Killamarsh	,,	Turner, Ward, and Co.
39	Lockerford	,,	R. Stephenson.
40	Masbro' Moor	,,	R. Swallow.
41	Do.	,,	Wells and Company.
42	Masbro'	,,	L. Worrale.
43	Mickley	,,	Messrs. Pearson.
44	Newbold	,,	Geach and Company.
45	Do.	,,	Do.
46	Do.	,,	Do.
47	Do.	,,	G. Tomlinson.
48	Do.	,,	C. Michell.
49	North Wingfield	,,	Clay Cross Company.
50	Do.	,,	Do.
51	Old Cotes	Heath	C. Goodwin.
52	Oxscroft	Chesterfield	Leadbeater and Company.
53	Plumley	,,	W. Gattley.
54	Renishaw	,,	Appleby and Company.
55	Speedwell	,,	R. Barrow.
56	Spike Hill	,,	Yates and Company.
57	Spink Hill	,,	Appleby and Company.
58	Springwell	,,	R. Barrow.
59	Sutton	,,	M. Arkwright.
60	Victoria	,,	R. Barrow.
61	Tafton	,,	J. Clayton.
62	Troway	,,	J. Jepson.
63	Tupton	,,	Wingermouth Coal Company.
64	Do.	,,	Do.
65	Unstone	,,	Rangeley and Company.
66	Warlton	,,	Dawson and Company.
67	Do.	,,	Oldfield and Company.
68	Do.	,,	J. Oldfield.
69	Do.	,,	G. Elliott.
70	Do.	,,	Appleby and Company.
71	Wittington	,,	E. Marr.
72	William Thorpe	,,	Wingermouth Coal Company.
1	Alfreton	Alfreton	W. P. Mold.
2	Brands	,,	Butterley Company.
3	Carnfield	,,	Coke and Co.
4	Coates Park	,,	Copeland and Co.
5	Codner Park	,,	Butterley Company.
6	Greenhill Lane	,,	Oakes and Co.
7	Langley	,,	Butterley Company.
8	Langley Mill	,,	Grammar's Trustees.
9	Newlands	,,	Butterley Company.
10	New Main	,,	Do.
11	Normanton, South	,,	W. Marriott.

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No.	Name of Colliery.	Where situated.	Owner's Name.
12	Normanton, South	Alfreton	M. Wilkinson.
13	Oakerthorpe	"	Messrs. Streley.
14	Pinxton	"	Coke and Co.
15	Pyebridge	"	Oakes and Co.
16	Riddings	"	Do.
17	Sleights	"	Coke and Co.
18	Swanwick	"	W. P. Morewood.
19	Tibshelf	"	M. Chambers.
20	Do.	"	M. Millward.
21	Upper Birchwood	"	Butterley Company.
1	Buckland Hollow	Ripley	M. Richardson.
2	Denby	"	W. D. Lowe.
3	Hallam	"	H. B. Whitehouse.
4	Hartshay	"	C. V. Hunter.
5	Kilburn	"	J. Ray.
6	Marehay	"	Messrs. Coursham.
7	Morley Park	"	Messrs. Mold.
8	Do.	"	Do.
9	Pentrich	"	Messrs. Haslam.
10	Smalley	"	M. Barber.
1	Ashgate	Glossop	J. Bennett and Co.
2	Do.	"	J. Drabble.
3	Ludworth	"	J. Jowitt.
4	Ollersett	"	Messrs. Brocklehurst.
5	Waterloo or Whaley Bridge*	"	Exors. of the late Thos. Gisborne.
1	Cotmanhay	Ilkeston	Barber and Co.
2	Langley	"	Grammar's Trustees.
3	Loscoe	Belper	E. F. Whitingstale.
4	Rutland	Ilkestone	J. Potter.
5	Shipley	"	E. M. Mundy.
6	Stoneyford	"	M. Royston.
7	Stanton	"	North and Co.
8	West Hallam	"	F. Newdigate.
1	Church Gresley	Burton-on-Trent	Marquis of Hastings.
2	Granville	"	Trustees of Court Granville.
3	Gresley Wood	"	Robinson and Co.
4	New Hall Field	"	Do.
5	Stanton	"	Messrs. Nadin.
6	Swadlin Cote	"	C. Wilkinson.
7	Woodfield	"	Messrs. Nadin.

NOTTINGHAMSHIRE.

1	Babbington	Nottingham	North and Co.
2	Baw Vale	Eastwood	Barber and Co.
3	Biggar Lee	Do.	Do.
4	Bobbers Mill	Nottingham	North and Co.
5	Brinsley	Eastwood	Barber and Co.
6	Cinder Hill	Nottingham	Thos. North and Co.
7	Dirty Hucknell	Mansfield	Messrs. Mellers.
8	East Wood	East Wood	Barber and Co.

* A vein of lead ore accompanies one of the seams of coal, but the quantity produced is limited and varies in quantity. This is included in the Derbyshire lead returns.

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No.	Name of Colliery.	Where situated.	Owner's Name.
9	Gilt Brook	Nottingham	Company of Colliers.
10	Langton	Alfreton	Coke and Co.
11	Plumtree Colliery	East Wood	Butterley Company.
12	Portland	Alfreton	Do.
13	Radford	Nottingham	Lord Middleton.
14	Skegby	Mansfield	J. Dodsley.
15	Trowell	Nottingham	Lord Middleton.
16	Watnall	„	J. Morley.
17	Do.	„	Barber and Co.
	WARWICKSHIRE.		
1	Baddesley	Atherstone	W. S. Dugdale.
2	Bedworth Charity	Coventry	Williams and Co.
3	Collicroft	Bedworth	W. Wilson.
4	Craven	Coventry	M. Harris.
5	Glascote	Tanworth	Gibbs and Co.
6	Griff	Nuneaton	C. N. Newdigate.
7	Hawkesbury	Bedworth	G. Whieldon.
8	Kettlebrook	„	M. Dumols.
9	Nuneaton Colliery	Nuneaton	Nowell and Co.
10	Oakover	„	J. Oakover.
11	Polesworth	Tamworth	Hanbury and Co.
12	Pooley	„	Messrs. Thomas.
13	Thomas's Colliery	Bedworth	Do.
14	Victoria	Coventry	Troughton and Co.
15	Wykin	„	Wykin Coal Company.
	LEICESTERSHIRE.		
1	Bagworth	Leicester	Lord Maynard.
2	Coleorton	Ashby-de-la-Zouch	Walker and Co.
3	Heath End	„	Matthews.
4	Ibstock	„	E M. Green.
5	Lount	„	Walker and Co.
6	Moira	„	Marquis of Hastings.
7	Pegg's Green	„	Bostock and Co.
8	Smaile Colliery	„	Walker and Co.
9	Snibston	„	R. Stephenson and Co.
10	Swannington	„	W. Worswick.
11	Whitwick	„	Stenson and Co.
	NORTH STAFFORDSHIRE.		
1	Above Park	Cheadle	Alex. Bowers.
2	Bank Top	„	Binns and Company.
3	Blakehall	„	Thos. Holmes.
4	Boundary	„	Whitehurst.
5	Cheadle	„	Plant and Company.
6	Claypits	„	Wm. Bowers.
7	Delph House	„	Thos. Holmes.
8	Dilhorne	„	Dilhorn Colliery Company.
9	Draycott Cross	„	Jno. Keys.
10	Harklow	„	„ Fowell.
11	Hazel Cross	„	„ Godwin.
12	Ipstones	„	Plant and Company.
13	Lady's Well	„	Wm. Bowers, jun.

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No.	Name of Colliery.	Where situated.	Owner's Names.
14	Madgedale	Cheadle	Jno. James.
15	Mobberley	"	Malkin and Company.
16	Woodhead	"	Wm. Bowers, jun.
1	Adderley Green	Longton	Stirrup and Pye.
2	Bentilick	"	Hawley and Company.
3	Berry Hill	"	Copeland and Company.
4	Broad's Field	"	Copeland and Company.
5	Brownfield	"	Harp and Wain
6	Cinder Hill	"	T. H. Stirrup.
7	East Vale	"	Forrister and Company.
8	Fenton Park	"	W. Lawton and Company.
9	Foley	"	W. H. Sparrow.
10	Glover's Farm	"	Hawley and Company.
11	Golden Hill	"	Mitcheson and Company.
12	Hall Hill	"	John Forrister.
13	Holly Bush	"	" Bowers.
14	Hulme Bank	"	Stirrup and Pye.
15	Millfield Gate	"	W. H. Sparrow.
16	Moss Fields	"	Hawley and Company.
17	Old Field	"	W. H. Sparrow.
18	Old Moss Field	"	Jno. Ashwell.
19	Poole Dole	"	Wm. Hulse.
20	Railway	"	R. Handley.
21	The Lawn	"	Hawley and Company.
22	Ubberley	"	K. Knight.
23	Willfield	"	Plant and Williams.
1	Abbey	Hanley	Luke, Lawton, and Company,
2	Bells Mill	"	Earl Granville.
3	Brook House	"	Smith and Forrister.
4	Bucknall	"	Robert Forrister.
5	Eaves	"	" Mayer.
6	Far Green	"	Earl Granville.
7	Foxley	"	Do.
8	Hall Fields	"	J. C. Smith.
9	Joiner's Square	"	Earl Granville.
10	Ivy House	"	Jennings and Company.
11	Lady Well	"	Earl Granville.
12	Ubberley	"	Jno. Ridgway.
13	Waterloo	"	Livesley and Company.
1	Chell	Burslem	H. H. Williamson.
2	Cobridge	"	Cobridge Colliery Company.
3	Do.	"	Thomas Brindley.
4	Ford Green	"	Charles Hales.
5	Gallimores	"	G. Wigley.
6	High Lane	"	Goodall and Company,
7	Hamill	"	N. P. Wood.
8	Jackfield	"	Ralph Clews.
9	Norton	"	Adderley and Dean,
10	Norton Park	"	Charles Hales.
11	Pinnox	"	H. H. Williamson.
12	Sandbach	"	Lancaster and Company.
13	Silvester Square	"	James Mann.
14	Sneyd Farm	"	C. B. May and Company.
15	Sneyd Green	"	F. Stannier.
16	Stamfields	"	Cork and Ford.
17	The Bykers	"	N. P. Wood.
18	Whitfield	"	Booth and Company.

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No.	Name of Colliery.	Where situated.	Owner's Name.
1	Church	Tunstall	Booth and Hawthorn.
2	Clanway	,,	Child and Clive.
3	Furlong	,,	Josh. Heath.
4	Golden Hill	,,	Williamson Brothers.
5	Green Fields	,,	Wm. Adams.
6	Green Gates		Meir and Heath.
7	Hoston Mill	,,	H. H. Williamson.
8	Lowlands	,,	Williamson Brothers.
9	Newfield	,,	Do.
10	New Oxford	,,	H. H. Williamson.
11	Oxford	,,	R. Beswick.
12	Pern Hurst	,,	Challinor and Bowers,
13	The Mill	,,	H. H. Williamson.
14	Windmill	,,	C. Netherwood.
15	Yeld Hill	,,	Williamson Brothers.
1	Bradley Green	Biddulph	Bradbury.
2	Do.	,,	Whaley and Company.
3	Childerplay	,,	J. Bateman.
4	Do.	,,	
5	Harriseahead	,,	Saml. Taylor and Company.
6	Oxhay	,,	Stannier and Heath.
7	Ranscliff	,,	T. Kinnersley,
8	Stonetrough	,,	Williamson Brothers.
9	Trubshaw	,,	Sutton and Company.
10	Do.	,,	T. Kinnersley.
11	Tonge	,,	Gosling and Company.
1	Apedale	Newcastle-under-Lyne.	J. E. Heathcote.
2	Ashtenhough	,,	Emberton and Company.
3	Bignall End	,,	N. P. Wood.
4	Bignall Hill	,,	Do.
5	California	,,	T. Kinnersley.
6	Chesterton	,,	Chesterton Colliery Company.
7	Clough Hall	,,	T. Kinnersley.
8	Greenfield	,,	Charles Rugg.
9	Gutter Colliery	,,	Sir T. F. F. Boughey.
10	Hollins	,,	J. E. Heathcote.
11	Hollinwood	,,	Do.
12	Kidsgrove	,,	T. Kinnersley.
13	Knutton	,,	Wm. Gordon.
14	Do.	,,	Jos. Heath.
15	Linley	,,	Thos. Fermstone.
16	Lycett	,,	Lycett and Rigby.
17	Mitchell's Wood	,,	C. Rugg.
18	New Road	,,	Daniel and Company.
19	Podmore Hall	,,	Lycett and Rigby.
20	Do.	,,	J. E. Heathcote.
21	Do.	,,	Do.
22	Silverdale	,,	F. Stannier and Company.
23	Talk Lanes	,,	Chas. Rugg.
24	Talk o' the Hill	,,	Henry Sherratt and Company.
25	The Nabs	,,	F. Stannier and Company.
26	White Barn	,,	W. Lawton and Company.
27	Woodshuts	,,	J. E. Heathcote.

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No.	Name of Colliery.	Where situated.	Owner's Name.
	SOUTH STAFFORDSHIRE.		
1	Brereton	Rugeley	Lord Talbot.
2	Hammerwich	,,	J. R. McLean and Company.
3	The Hayes	,,	Lord Talbot.
1	Brownsfield	Wyrley	Bernard Gilpin.
2	Cathedral	,,	W. Harrison.
3	Cheslyn Hay	,,	F. H. Gilpin.
4	Longhouse	,,	Josh. Palmer.
5	New Brownhills	,,	Wm. Hanbury.
6	New Wyrley	,,	Bernard Gilpin.
7	Old Brownhills	,,	Wm. Harrison.
8	Old Coppice	,,	Edwd. Sayers.
9	Old Falls	,,	Do.
10	Rugeley School	,,	Bernard Gilpin.
11	Queensfield	,,	F. H. Gilpin.
1	Bentley	Walsall	Birch and Sons.
2	Bentley Hay	,,	D. S. Moore.
3	Bentley Park	,,	Jno. Bagnall and Sons.
4	Birchills	,,	Jno. Hartland.
5	Do.	,,	Geo. Jones.
6	Do. Old	,,	Williams Brothers.
7	Essington Snead	,,	Wm. Pedley.
8	Green Lane	,,	J. and J. Baker.
9	Do.	,,	T. and C. Highway.
10	Green Rock	,,	Josh. Smith.
11	Harden	,,	Geo. Jones.
12	Hatherton	,,	T. and C. Highway.
13	Leamore	,,	Timothy Smith.
14	New Field	,,	J. and J. Baker.
15	Pelsall	,,	Bloomer and Sons.
16	Pelsall Common	,,	W. F. Fryer.
17	Reed's Wood	,,	Jno. Hartland.
18	Ryder's Hays	,,	J. R. McLean and Company.
19	Snead Lane	,,	J. E. Bealey.
20	Do.	,,	Jas. Smallman.
21	Do.	,,	Jno. Baugh.
22	The Charity	,,	Williams Brothers.
23	The Manor	,,	Richard Thomas.
24	Wall End	,,	Edwd. Milner.
25	Wood Farm	,,	Thorneycroft and Company.
1	Darlaston Green	Darlaston	Sam. Mills.
2	Do.	,,	New British Iron Company.
3	Do.	,,	R. Gibbons.
4	Do.	,,	Hickman and Company.
5	James Bridge	,,	Benjn. Yates.
6	Do.	,,	J. Bagnall and Sons.
7	Herbert's Park	,,	David Jones.
8	Moxley	,,	Blackwell and Company.
9	Rough Hay	,,	Addenbrooke and Company
1	Bankfield	Bilston	Groncott and Sons.
2	Barber's Field	,,	Thos. Banks and Son.
3	Bateman's Hill	,,	Williams Brothers.
4	Bilston New	,,	Blackwell and Company.
5	Bovereux	,,	W. Baldwin and Company

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No.	Name of Colliery.	Where situated.	Owner's Name.
6	Bradley	Bilston	D. Rose and Company.
7	Do.	"	Scott and Foley.
8	Bradley Lodge	"	W. Baldwin and Company.
9	Bradley	"	Wilkinson and Company.
10	Do.	"	Foster, Jones, and Barker.
11	Do.	"	B. Gibbons.
12	Broadwaters	"	J. Bagnall and Sons.
13	Bunker's Hill	"	Firmstone and Company.
14	Do.	"	B. Bickley.
15	Do.	"	G. Marson.
16	Do.	"	Foster, Jones, and Barker.
17	Capponfield	"	Jno. Bagnall and Sons.
18	Cold Lanes	"	M. Frost.
19	Coseley	"	Groucott and Sons.
20	Dockinend	"	B. Adderley.
21	Ettingshall	"	W. Banks.
22	Do.	"	B. Chavasse.
23	Do.	"	W. Smith.
24	Fullwood	"	J. and T. Turley.
25	Gibbett Lane	"	Wm. Fellows.
26	Greaves	"	T. and J. Badger.
27	Hall Park	"	Wm. Riley.
28	Mabb's Bank	"	Williams Brothers.
29	Meadows	"	Do.
30	Middlefield	"	Wm. Shale.
31	Millfield	"	W. Riley.
32	Moorcroft	"	Fletcher, Rose, and Co.
33	Mount Pleasant	"	J. Hickman.
34	Moseley Hole	"	W. H. Sparrow and Company.
35	Do.	"	Thompson and Company.
36	Moxley	"	Josh. Banks.
37	Do.	"	H. Pitt.
38	Do.	"	Cresswell and Sons.
39	Do.	"	Thos. Bullock.
40	New Road	"	A. Jones.
41	Do.	"	— Wright.
42	Patchcroft	"	White and Lister.
43	Priestfield	"	Henry Ward.
44	Do.	"	J. Loxdale.
45	Do.	"	W. Greensill.
46	Priorsfield	"	H. B. Whitehouse.
47	Quarry	"	W. H. Sparrow and Company.
48	Do.	"	Geo. Jones.
49	Rookery	"	Do.
50	Shift End	"	W. Fellows.
51	Stonefield	"	Ed. Woolley.
52	Do.	"	J. W. Vernon.
53	Toll Gate	"	B. Gibbons.
54	Union Street	"	Job. Hickman.
55	Wall Butts	"	Blackwell and Company.
56	Do.	"	W. Baldwin and Company.
57	Willenhall Road	"	R. Morgan.
1	Botany Bay	Willenhall	Thos Hall.
2	Bull Pleck	"	Davis and Son.
3	Bunker's Hill	"	Bunker's Hill Company.
4	Crescent	"	Thorneycroft and Company.
5	Do.	"	New British Iron Company.
6	Do.	"	Addenbrooke and Company.
7	Lane Head	"	W. Mannix.

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No.	Name of Colliery.	Where situated.	Owner's Name.
8	Little London	Willenhall	Bate and Son.
9	Do.	"	F. Baker.
10	Moseley Hole	"	Foster, Jones, and Barker.
11	Do.	"	Thos. Vernon.
12	Neachells	"	Davis and Sons.
13	Do.	"	H. B. Whitehouse.
14	New Invention	"	Jno. Brewer.
15	Noose Lane	"	Bate and Son.
16	Porto Bello	"	H. Ward.
17	Rose Hill	"	Thos. Rose and Company.
18	Sand Beds	"	Solly, Fletcher, and Co.
19	Somerford	"	Dinmack and Thompson.
20	Trentham	"	Bate and Son.
1	Buggins Lane	Wolverhampton	P. Williams.
2	Do.	"	W. F. Fryer.
3	Do.	"	T. M. Ashdown.
4	Do.	"	Whitehouse and Poole.
5	Bull Holes	"	W. Greensill.
6	Chillington	"	Foster, Jones, and Barker.
7	Do.	"	George Jones.
8	Cockshutts	"	Parkfield Company.
9	Ettingshall (Blakenhall)	"	W. Greensill.
10	Fighting Cocks	"	John Southern.
11	Frost's Field	"	M. Frost and Company.
12	Gibbett Lane	"	Williams and Company.
13	Do.	"	Fellows and Winspar.
14	Lock House	"	Aston and Company.
15	Do.	"	Richard Evans.
16	Monmore Green	"	Cadman and Dodd.
17	Do.	"	Dimmack and Company.
18	Osier Bed	"	W. H. Sparrow and Company.
19	Parkfield	"	Parkfield Company.
20	Peascroft	"	W. H. Sparrow and Company.
21	Rough Hills	"	Whitehouse and Poole.
22	Stow Heath	"	W. H. Sparrow and Company.
23	Wednesfield Heath	"	New British Iron Company.
24	Wolverhampton	"	Whitehouse and Poole.
1	Cow Lane	Sedgley	J. H. Pemberton.
2	Coopers Bank	"	Oakes and Company.
3	Do.	"	Smith and Taylor.
4	Do.	"	William Perry.
5	Coseley Moor	"	Lord Ward.
6	Priory Field	"	Groucott and Sons.
7	Do.	"	Wade and Hampton.
8	Do.	"	Foster and Baker.
9	Do.	"	B. Gibbons.
10	Do.	"	H. B. Whitehouse.
11	Riddings	"	J. H. Pemberton.
12	Sedgeley Park	"	J. Jones.
13	Spring Vale	"	G. Jones.
14	Do.	"	Bagnall and Sons.
15	Do.	"	Bagnall and Dimmacks.
16	Do.	"	W. T. Smith.
11	Woodsetton	"	Thomas King.
1	Ash Leasows	Tipton.	Williams and Whitehouse.
2	Coneygre	"	Lord Ward.
3	Denbigh Hall	"	Haines and Sons.

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No.	Name of Colliery.	Where situated.	Owner's Name.
4	Denbigh Hall	Tipton	J. and E. Nocks.
5	Doe Bank	„	Haines and Underhill.
6	Dudley Port	„	Dixon and Burne.
7	Do.	„	Hopkins and Bradley.
8	Do.	„	F. Giles.
9	Factory	„	Welsh and Barrows.
10	Fox Yards	„	Creswell and Sons.
11	High Leasow	„	John Millard.
12	Do.	„	Parsons and Hartland.
13	Horsley	„	Dixon and Company.
14	Hurst	„	Samuel Rowley.
15	Moat	„	Moat Colliery Company.
16	Monway	„	J. Bailey.
17	Moors	„	Williams and Wright.
18	Park Lane	„	W. Hopkins.
19	Do.	„	Morris and Sons.
20	Tipton Green	„	C. Roberts and Company.
21	Wednesbury Oak	„	P. Williams and Company.
22	Willingsworth	„	Haines and Sons.
23	Do.	„	J. Bailey.
1	Brades	Rowley Regis	T. and S. Hunt.
2	Burnt Trees	„	Joseph Ashton.
3	Gorst Hill	„	Wm. Mills.
4	Grace Mary	„	John Percy.
5	Hall Bridge	„	G. Turner.
6	Hange	„	D. and G. Round.
7	Portway Hall	„	Darby and Dawes.
8	Tividale Hall	„	Hopkins and Bradley.
9	Tividale, New	„	Bagnall and Jesson.
10	Tividale	„	Lord Ward.
11	Do.	„	Caddick and Mason.
12	Tunnell	„	Bennitt and Whitehouse.
13	Sutherland	„	Clayton and Russell.
1	Albion	Oldbury	W. Williams.
2	Ball	„	W. Bennett.
3	Big Meadow	„	Do.
4	Birchey Lane	„	Parrish and Lewis.
5	Birchey Fields	„	Darbey and Jones.
6	Bircheyfield Lane	„	Gregory and Company.
7	Brades	„	T. and S. Hunt.
8	Broadwell	„	John Williams.
9	Bromford Lane	„	Johnson and Mason.
10	Bull Farm	„	Haines and Spittle.
11	Do.	„	W. Dawes.
12	Causeway Green	„	Josh. Hackett.
13	Churchbridge	„	W. Hancock.
14	Cutler's End	„	Bennitt and Williams.
15	Flash	„	W. Bennitt.
16	Langley Green	„	Johnson and Company.
17	Long Meadow	„	
18	Newberry Lane	„	Bennitt and Taylor.
19	Do.	„	Haines and Spittle.
20	Do.	„	Taylor and Farley.
21	Oldbury	„	Josh. Hackett.
22	Parkhouse Lane	„	John Williams.
23	Do.	„	Collins and Company.
24	Rounds Green	„	Bate and Robins.
25	Do.	„	Bennett, Dawes and Taylor.

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No.	Name of Colliery.	Where situated.	Owner's Name.
26	Round's Green	Oldbury	W. Bennitt.
27	Rowhay	„	R. Haines and Sons.
28	Do.	„	Hopkins and Walton.
29	Do.	„	Haines and Sons.
30	Do.	„	W. Bennitt.
31	Titford	„	Joseph Bennett.
32	Titford Lane	„	H. B. Whitehouse.
33	Do.	„	S. Wilkes.
34	Tividale	„	Joseph Hackett.
35	Union	„	P. Williams and Company.
36	Whimsey	„	John Williams.
37	Whiteheath	„	Midland Coal Company.
1	Black Lake	West Bromwich	Botteley and Company.
2	Church Lane	„	Mason and Company.
3	Claypit Lane	„	J. Bent.
4	Do.	„	T. and J. Badger.
5	Do.	„	Eagle Company.
6	Do.	„	Whitehouse and Jeffries.
7	Cobbs Barn	„	R. Whitehouse.
8	Coles Farm	„	Coles Farm Company.
9	Cop Hall	„	Haines and Sons.
10	Coppice	„	John Hartland, jun.
11	Do.	„	H. Parrish.
12	Crab Tree	„	Bagnall and Sons.
13	Do.	„	Thomas Milliship,
14	Do.	„	Do.
15	Do.	„	H. Bullock.
16	Crook Hay	„	Davis and Sons.
17	Cutler's End	„	Bennett and Williams.
18	Dunkirk	„	Taylor and Farley.
19	Do.	„	P. Williams and Company.
20	Gold's Green	„	John Tildesley.
21	Do.	„	J. Bagnall and Sons.
22	Groveland	„	Do.
23	Greet's Green	„	Hartland and Batson.
24	Do.	„	H. Dawes.
25	Hall End	„	Parker and Halford.
26	Harvill's	„	R. Whitehouse.
27	Heath	„	Heath Colliery Company.
28	Ireland Green	„	Parrish and Lewis.
29	Do.	„	T. Cox and Company.
30	Do.	„	Do.
31	Jervoise	„	Jno. Tildesley.
32	Lewisham	„	Heath Colliery Company.
33	Lodge	„	Davis and Sons.
34	Lyttleton	„	S. Dawes.
35	Marsh Lane	„	Jno. Tildesley.
36	Mill Farm	„	Giles and Bennett.
37	Mile Pool	„	Thos. Botteley.
38	Do.	„	J. Botteley.
39	Moor Lands	„	Bagnall and Sons.
40	New Mine	„	Parker and Halford.
41	New Whyley	„	J. Percy.
42	Oak	„	Richards and Plant.
43	Old Meeting	„	Wilcox and Chavasse.
44	Oldbury Lane	„	W. Williams.
45	Do.	„	P. Williams and Company.
46	Old Union	„	Thos. Cox and Company.
47	Old Whyley	„	J. Percy.

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No.	Name of Colliery.	Where situated.	Owner's Name.
48	Piercy	West Bromwich	J. Percy.
49	Pump House	,,	Jno. Haines.
50	Rowhay	,,	P. Williams and Co.
51	Do.	,,	Haines and Son.
52	Spon Lane	,,	Davis and Sons.
53	Do.	,,	J. Dawes.
54	Swan Village	,,	Eagle Furnace Company.
55	Talbot	,,	Jno. Tildesley.
56	Tantany	,,	Field and Davis.
57	Victoria	,,	Heath Colliery Company.
58	Wasgan	,,	Jno. Hartland.
59	White's Farm	,	Jno. Spittle.
1	Broadwaters	Wednesbury	J. Bagnall and Sons.
2	Do.	,,	W. Tolley.
3	Do.	,,	Jas. Bayley.
4	Brunswick	,,	Patent Axle Company.
5	Dudley Road	,,	B. Round.
6	Fallings	,,	W. Grove.
7	King's Hill	,,	Josh. Butler.
8	Do.	,,	Saml. Mills.
9	Do.	,,	Morris and Bayley.
10	King's Hill Field	,,	Jno. Newell and Sons.
11	Misty Croft	,,	Paul Moore.
12	Moxley	,,	S. Groucott and Sons.
13	New Field	,,	Botteley and Company.
14	Old Field	,,	R. Morgan.
15	Old Park	,,	Lloyd, Fosters, and Co.
16	Parlour Piece	,,	J. Spittle.
17	Ridden Lane	,,	Wm. Horton.
18	Vicarage	,,	Charles Hunt.
19	Do.	,,	Mary Foster.
20	Wednesbury Park	,,	Lloyd, Foster, and Co.
1	Bearmoor	Corngreaves	N. B. Iron Company.
2	Black Waggon	,,	Do.
3	Blue Bell	,,	T. and J. Badger.
4	Brick House	,,	A. H. Barrs.
5	Bullfield	,,	— Peacock.
6	Corngreaves	,,	N. B. Iron Company.
7	Dudley Wood	,,	Job Taylor.
8	Eagle	,,	Birch.
9	Fire Clay	,,	J. T. Rufford.
10	Fly	,,	N. B. Iron Company.
11	Garrett's Lane	,,	T. and J. Badger.
12	Haden Hill	,,	Brettell and Company.
13	Hawn, The	,,	Geo. Attwood.
14	High Harker	,,	A. H. Barrs.
15	Do.	,,	Thos. Davis.
16	Knowle	,,	T. Jones and Company.
17	Lion	,,	N. B. Iron Company.
18	Lloydsfield	,,	Purser.
19	Netherend	,,	Josh. King.
20	Do.	,,	Do.
21	Do.	,,	Perrens and Co.
22	Saltwell	,,	Lord Ward.
23	Tandys	,,	Josh. King.
24	Waterfall Lane	,,	Wm. Mills.
25	Whitehall	,,	G. Dudley.

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No.	Name of Colliery.	Where situated.	Owner's Name.
1	Baptist End	Dudley	Thos. Crew.
2	Barrow Hill	"	Lord Ward.
3	Blackemoor	"	N. B. Iron Company.
4	Blower's Green	"	Brettell and Cartwright.
5	Bumble Hole	"	T. and J. Badger.
6	Buffery, Old	"	Thos. Crew.
7	Do.	"	N. B. Iron Company.
8	Do., New	"	Wm. Haden.
9	Common Side	"	J. and J. Cox.
10	Dixon's Green	"	Knowles and Crew.
11	Farthing Lane	"	Grazebrook and Company.
12	Furnace Field	"	Joshua Horton.
13	Freemasons	"	B. Gibbons.
14	Gornall Wood	"	Thos. Taylor.
15	Hart's Hill	"	Lord Ward.
16	High Lanes	"	Blackwell and Company.
17	Do.	"	Lord Ward.
18	Holly Hall	"	Do.
19	Level	"	Do.
20	Netherton	"	N. B. Iron Company.
21	Oak Farm	"	Sir S. Glynne.
22	Old Park	"	Lord Ward.
23	Old Level	"	Hall, Holcroft, and Co.
24	Orchard	"	Lord Ward.
25	Parkhead	"	Evers and Martin.
26	Pennett	"	Philpotts and Plant.
27	Prestwood	"	B. Gibbons.
28	Russell's Hall	"	Blackwell and Company.
29	Scott's Green	"	Richd. Mills.
30	Shut End	"	Bradley and Company.
31	Statlings	"	F. W. Pearson.
32	Tansley Hill	"	Job Taylor.
33	Wallows	"	Lord Ward.
34	Widewaters	"	Do.
35	Woodside	"	Cochrane and Company.
36	Yew Tree	"	B. Gibbons.
1	Bank	Brierley Hill	Matthews and Woodcock.
2	Brettell Lane	"	Bache and Co.
3	Do.	"	Davis and Sons.
4	Bromley Hall	"	Hunt, Brown, and Co.
5	Do.	"	Wheeley.
6	Bromley, New	"	Gaddenbrooke.
7	Buckpool	"	C. Roberts.
8	Chapel Hill	"	N. B. Iron Company.
9	Coal Leasows	"	Parrish and Pearson.
10	Corbyn Hall	"	Matthews and Bond.
11	Daisy Hill	"	Do.
12	Delph	"	Harpers and Moore.
13	Lays	"	W. M. Blair.
14	Nagersfield	"	Firmstone and Company.
15	Pensax	"	W. and S. Perry.
16	Shattersford	"	Harris and Co.
17	Tild House	"	Matthews and Bond.
18	Areley	Bewdley	
19	Pensay	Stourport	
20	Shatterford	Bridgenorth	

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No.	Name of Colliery.	Where situated.	Owner's Name.
	LANCASHIRE.		
	ASHTON-UNDER-LYNE.		
1	Bardsley	Bardsley	Jonah Harrop.
2	Do.	Do.	Jonah Harrop and Company.
3	Fairbottom	Fairbottom, &c.	Leeses and Booth.
4	Heys	Ashton-under-Lyne	John Kenworthy and Brothers.
5	Hurst Knowl	Do.	John Whitaker and Sons.
6	Limehurst	Bardsley	John George Newton.
7	Lords Fields	Ashton-under-Lyne	Wm. Wild.
	BLACKBURN.		
1	Bank Moor	Oswaldtwistle	Simpson and Young.
2	Baxenden	Accrington	Hargreaves, Ashworth, and Co.
3	Broadfield	Do.	Simpson and Young.
4	Brookside	Oswaldtwistle	John Reddish.
5	Clayton	Clayton	John Lomax.
6	Coney	Over-Darwen	William Pierce.
7	Dogshaw	Do.	Eccles Shorrock.
8	Duckworth Hall	Oswaldtwistle	Simpson and Young.
9	Dunkenhalgh Park	Church	Joseph Barnes.
10	Dunkirk	Henfield	John Lomax.
11	Ellison Fold	Over-Darwen	John and Jas. Brundwood.
12	Flash	Eccleshill	Wm. Brandwood.
13	Higher Cunliffe	Rishton	Cunliffe Brickwork Company.
14	Hoddlesden	Over-Darwen	John and Joseph Place.
15	Lower Barn	Over Darwen	Jas. Shorrock.
16	Marsh House	Do.	John and Wm. Pickup.
17	Old Lyons	Do.	Scholes and Fish.
18	Pole	Do.	Wm. Pickup.
19	Pole Lane	South Darwen	Jas. Pickup.
20	Rishton Height	Do.	James and Geo. Shorrock.
21	Scholes Fold	Do.	John and Jas. Brandwood.
	BOLTON.		
1	Ainsworth Red House	Ainsworth	Thomas Fletcher.
2	Affeside	Tottington	Jethro Scowcroft.
3	Albert	West Houghton	Wm. Barton.
4	Bank	Little Hulton	Thomas Wright.
5	Bank House	Middle Hulton	Francis Charlton.
6	Bents	Little Lever	Thomas Fletcher.
7	Blackrod	Blackrod	C. and T. Whaley and Co.
8	Bullring	Do.	F. G. Dutton and Co.
9	Burnden	Bolton	T. S. and Exors. of J. Scowcroft.
10	Breightmet	Breightmet	Jas. Hardcastle.
11	Do.	Do.	Thos. Fletcher.
12	Chapel Field	Blackrod	Jas. Atherton.
13	Darcy Lever	Darcy Lever	Darcy Lever Coal Company.
14	Dark Lane	Blackrod	James Massey.
15	Doffcocker	Halliwell	Longworth and Scowcroft.
16	Dootson and Vauze	Blackrod	Fort, Atherton, and Co.
17	Farnworth	Farnworth	Wm. Crompton and N. Haslam.
18	Five Quarter	Great Lever	John Smith, jun., and Co.
19	Great Lever	Do.	Right Hon. the Earl of Bradford.
20	Hacken	Little Lever	Andrew Knowles and Sons.

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No.	Name of Colliery.	Where situated.	Owner's Name.
21	Hanging Bank	Little Hulton	James Kay and Co.
22	Harwood	Harwood	James Hardcastle.
23	Hulton	Over and Middle Hulton and Farnworth	Wm. Hulton.
24	Kearsley	Farnworth	T. S. and Exors. of John Scowcroft.
25	Ladyshore	Little Lever	John Fletcher.
26	Little Bolton	Little Bolton	Andrew Knowles and Sons.
27	Little Hulton	Little Hulton	Matthew Bennett and Brothers.
28	Little Lever	Little Lever	Andrew Knowles and Sons.
29	New Fields	Horwich	John M. Walch.
30	New Watergate	Little Hulton	Jas. and Wm. Roscow.
31	Quarlton	Quarlton	Andrew Knowles and Sons.
32	Smithfold	Little Hulton	John Gibson and Co.
33	Smithills	Halliwell	Peter Ainsworth.
34	Stoneclough	Kearsley	Knowles and Scott.
35	Stoneclough	Tyldsley	Thomas Grundy.
36	Stopes	Little Lever	Thomas Fletcher.
37	Tonge	Tonge	Robert Burton and Son.
38	Top o' the Lane	Darcy Lever	Andrew Knowles and Sons.
39	Turton Moor	Turton	Do.
40	Unity Brook	Kearsley	James Stott.
41	Victoria Main	Blackrod	John Ridgway and Company.
42	West Houghton	West Houghton	Longworth and Scowcroft.
*43	Wilderswood	Horwich	Richard Brownlow.
44	Winter Hill	Do.	Adam Mason.
	BURNLEY.		
1	Altham New	Altham	Altham New Coal Company.
2	Burnley	Burnley	Executors of John Hargreaves.
3	Burnt Hills	Habergham Eaves	Do.
4	Cliviger	Cliviger	Cliviger Coal Company.
5	Cupola	Hapton	Brooks and Pickup.
6	Dodbottom	Holme Chapel	Thomas H. Whitaker.
7	Foxclough	Colne	Executors of John Hargreaves.
8	Fulledge	Burnley	Wm. Cardwell and Company.
9	Habergham	Habergham Eaves	Executors of John Hargreaves.
10	Hapton	Hapton	Hapton Coal Company.
11	Hapton Valley	Do.	Executors of John Hargreaves.
12	Horse Pasture	Towneley	Charles Towneley.
13	Marsden	Marsden	Executors of John Hargreaves.
14	Padiham	Padiham	Do.
15	Town House	Great Marsden	Spencer, Wilson, and Co.
	BURY.		
1	Cockey Moor	Radcliffe	James Knowles.
2	Dark Lane	Walmersley	Lawrence Duckworth.
3	Elton	Elton	Wm. Thornton Parks.
4	Fern Hill	Bury	Wm. Walker and Company.
5	Higher Hill	Shuttleworth	Lawrence Duckworth.
6	Radcliffe Bridge and Bank Top	Radcliffe	Knowles and Hall.
7	Ringley and Clough Side	Prestwich	Bromilow, Brownbill, and Co.

* Ceased working in 1854.

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No.	Name of Colliery.	Where situated.	Owner's Name.
8	Scout Moor	Shuttleworth	Lawrence Duckworth.
9	Stand Lane	Radcliffe Bridge	Thos. Grundy and Brothers.
10	Woodgate Hill	Bury	Bamford Haigh and Company and John Holt and Company.
		CHORLEY.	
1	Charnock	Charnock Richard	John Smith.
2	Chorley	Chorley	J. Darlington.
3	Coppull and Burgh	Coppull	John Hargreaves, jun.
4	Duxbury	Duxbury	T. and Wm. Whittle.
5	Do.	Do.	Thomas Whaley.
6	Heath Charnock	Heath Charnock	John Rosbottom.
7	Heskin	Heskin	J. and C. Whaley.
8	Railway	Charnock Richard	Executors of John Darlington.
		LEIGH.	
1	Astley and Tyldesley	Astley, &c.	Samuel Jackson and Company.
2	Atherton	Atherton	John Fletcher and others.
3	Bedford	Bedford	Sam. Jackson and Company.
4	Broadfield	Westleigh	John Speakman and Company.
5	Edge Green	Golborne	Richard Evans and Sons.
6	Great Boys	Tyldesley	
7	Hey Field	Westleigh	Thomas Livesey.
8	Park	Do.	Trustees of Liverpool and Manchester Coal Co.
9	Peel	Tyldesley	Thomas Grundy.
10	Pickley Heys	Westleigh	Thomas Lowe and Company.
11	Shakerley	Tyldesley	Nathan Eckersley.
12	Springfield	Westleigh and Wigan	Farington, Marshall, and Co.
13	Tyldesley	Tyldesley	Tyldesley Coal Company.
14	Westleigh	Westleigh	James Diggle and Company.
15	Westleigh Lane	Do.	Samuel Banks.
		MANCHESTER.	
1	Agecroft	Pendlebury	Andrew Knowles and Sons.
2	Bradford	Bradford	Clegg and Livesey.
3	Clayton	Clayton	Leigh and Bradbury.
4	Clifton and Kearsley	Clifton, &c.	Jacob Fletcher Fletcher.
5	Clifton Hall	Clifton	Andrew Knowles and Sons.
6	Clifton Moss	Do.	Do.
7	Crown Point	Denton	Peter Higson.
8	Denton	Do.	Jacob Fletcher Fletcher.
9	Haughton	Haughton	Leigh and Bradbury.
10	Do.	Do.	Thomas Shaw.
11	Mesne Lea	Worsley	Representatives of late P. Nightengale.
12	Moston	Moston	John Stanley.
13	Pendlebury	Pendlebury	Andrew Knowles and Sons.
14	Pendleton	Pendleton	Do.
15	Worsley	Worsley	Bridgewater Trustees.
		OLDHAM.	
1	Bank House	Crompton	Executors of Charles Taylor.
2	Barrowshaw	Oldham	Job Lees.
3	Beesom Hill	Do.	James Taylor.

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No.	Name of Colliery.	Where situated.	Owner's Name.
4	Bent Grange	Do.	Thomas Butterworth.
5	Chadderton	Do.	William Jones and Company.
6	Chamber	Do.	Do.
7	Doghill	Crompton	Jos. Cook and John Marland.
8	Edge Lane and Dryclough	Oldham	Evans, Barker, and Co.
9	Glodwick	Crompton	James Collinge and Company.
10	Greenacres	Do.	Lees and Booth.
11	Hey	Do.	Mills, Lees, and Co.
12	Higginshaw Lane	Royton	Milne, Travis, and Milne.
13	Hodge Clough	Oldham	Jesse Ainsworth.
14	Holebottom	Do.	Lees, Jones, and Co.
15	Do.	Crompton	Executors of Charles Taylor.
16	Jubilee	Do.	Evans, Barker, and Co.
17	Low Crompton	Do.	James Stott, Milne, and Co.
18	Low Side	Oldham	William Wrigley.
19	Oak	Do.	William Jones and Co.
20	Park	Crompton	Evans, Barker, and Co.
21	Sholver Fold	Oldham	Abraham Lees.
22	Sholver Moor	Do.	George Hallas.
	RAINFORD.		
1	Albert	Upholland	Victoria and Albert Coal Company.
2	Bickerstaffe	Bickerstaffe	Bromilow, Forster, and Co.
3	Do.	Do.	Trustess of Lord Skelsmerdale.
4	Blagutegae	Do.	Do.
5	Crow Orchard	Skelsmersdale	Mrs. Mary Stopforth.
6	Holland	Upholland	Earl of Crawford and Balcarres.
7	Lathom	Lathom	Trustees of Lord Skelmersdale.
8	Newgate	Upholland	Thomas Rigby.
9	Pimbo	Do.	R. and J. Coupe.
10	Rainford	Rainford	William Harding.
11	Rainford Delf	Do.	Charles Howarth.
12	Swift's Folds	Skelsmersdale	James Shaw and Company.
13	Tower Hill	Upholland	John Cadman.
14	Victoria	Rainford	Victoria and Albert Coal Company.
	ROCHDALE, INCLUDING BACUP AND ROSSENDALE.		
1	Ashworth	Ashworth	R. Lees, J. Greenwood, and J. Lord, or Ashworth Coal Company.
2	Bagslate	Bagslate Common	James Lord and Samuel Wild.
3	Baitings	Wolstenholme	William Booth.
4	Bamford	Birtle cum Bamford	Greenwoods, Baron, and Tattersall.
5	Bank Top	Bacup	Thomas Watson and Company.
6	Bartle Courn	Regley Moor, Whitworth	Zachariah Howarth.
7	Birchen Lee	Butterworth	John Knowles and Company.
8	Birtle Dean	Ashworth	Ramsbottom and Golding.
9	Blue Ball	Brandwood, Bacup	Jas. Butterworth and Company,
10	Boarshaw	Middleton	Thomas Roscow and Company.
11	Brearley	Butterworth	Henry Brearley.
12	Brotherod	Catley Lane	H. H. Fishwick and Company.
13	Brownhill	Do.	Chas. Lomax and Jas. Lord.

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No.	Name of Colliery.	Where situated.	Owner's Name.
14	Brownhouse	Healey	James Dearden.
15	Captain Fold	Heywood	Heywood Coal Company.
16	Cartridge Nook	Do.	James Dearden.
17	Chadwick Hall	Chadwick	Roscow and Lord.
18	Clough Head Brickworks	Todmorden	Thos. Temperley.
19	Croft Head	Butterworth	Croft Head Company.
20	Dean	Thornham	Jas. Stott Milne and Company.
21	Drybank	Whitworth	Drybank Coal Company.
22	Foulclough	Todmorden	John and Ruben Haigh.
23	Freeholds	Whitworth	Haigh.
24	Greave and Tooter Hill	Brandwood, Bacup	Townsend, Hargreaves, and Barlow.
25	Greave Brickworks	Do.	Taylor and Hoyle.
26	Green Booth	Woodhouse Lane	James Butterworth.
27	Greens Moor	Brandwood, Bacup	Robert Munn.
28	Hanging Chadder	Thornham	Jas. Stott Milne and Company
29	Hathershaw	Do.	Do.
30	Healey Hall	Healey Hall and Catley Lane	Jacob Tweedale and Sons.
31	Hill Clough	Brandwood, Bacup	James Hardman.
32	Hogshead	Whitworth, Bacup	Robert Lees.
33	Do.	Do.	Towend, Maden, and Lord.
34	Hopwood	Hopwood, Middleton	Captain Hopwood.
35	Hoyle Hey	Brandwood, Bacup	James Greenwood.
36	Knowl	Wolstenholme	Richd. and George Howarth.
37	Knowsley	Whitworth	Joah Townend.
38	Land	Do.	James Dearden.
39	Lidgate	Blatchinworth, Littleborough	Pikehouse Colliery Company
40	Little Green and Scowcroft	Middleton	Thos. Roscow and Company.
41	New Hey	Brandwood, Bacup	Aitkin, Brothers.
42	Nook Colliery	Heap, detached near Chadwick	Fishwick and Co.
43	Oaken Clough	Brandwood, Bacup	James Butterworth.
44	Old Hey	Do	Townsend, Hargreaves and Barlow.
45	Openshaw	Birtle	Joseph Chadwick.
46	Pemming	Wolstenholme	John Howarth.
47	Pikehouse	Blatchinworth, Littleborough	Pipehouse Colliery Company.
48	Pilsworth	Pilsworth	Fletcher and Whewell.
49	Red Lamb	Wolstenholme	Thomas Shepherd.
50	Rooley Moore	Brandwood	Heywood Coal Company.
51	Rosendale	Rosendale	Hargreaves, Ashworth, and Co.
52	Schofield	Butterworth	Jas. Fielding and John Whittles.
53	Shaw Bank	Do.	J. and W. Chadwick.
54	Shawfield	Catley Lane	Jas. Stott and Jas. Jackson.
55	Shaw Moss	Butterworth	John Knowles, jun., and Company.
56	Shelfield	Bagslate	Barron and Tattersall.
57	Shore Lane.	Butterworth	J. and W. Chadwick.
58	Smallbridge	Wardle	Stotts, Dearden, and Lomax.
59	South Grain	Todmorden	James Dearden.
60	Thistley Field	Butterworth	John Knowles and Company.
61	Thorneyhurst	Birtle	Roscow and Lord.
62	Toadleach	Healey	James Dearden.
63	Todmorden Moor	Todmorden	Do.
64	Tonge Lane	Middleton	Thomas Roscow and Comp.

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No.	Name of Colliery.	When situated.	Owner's Name.
65	Tonacliffe	Whitworth	J. and R. Tweedale.
66	Tooter Hill	Brandwood,Bacup	James Dearden.
67	Do.	Do.	James Law.
68	Turf House	Blatchinworth, Littleborough	Bamford and Company.
69	Turf Tavern	Bagslate, Chadwick	John and Geo. Mills.
70	Wallnook	Do.	James Dearden.
71	Whitaker	Littleborough	Edmund Turner Lord.
72	Whitaker New Tileworks	Do.	Rigby and Lees.
73	Wolstenholme Fold	Woolstenholme	Hall and Urmson.
74	Wolstenholme Hall	Do.	Thomas Shepherd.
75	Woodhouse Lane	Woodhouse Lane	Zech. Howarth.
76	Do.	Do.	John Buckley.
		ST. HELEN'S.	
1	Ashton and Pewfall	Ashton-in-Makerfield	Sam. Clough and Company.
2	Ashton Green	Parr	Ashton Green Colliery Compy.
3	Black Brook	Do.	Bromilow, Brother, and Sothern.
4	Blackleyhurst	Ashton-in-Makerfield	Sam. Stock.
5	Broad Oak	Parr	Bournes and Robinson.
6	Bryn	Ashton-in-Makerfield	Wm. Garstang and Son.
7	Cowley Hill	Windle	Caldwell and Thompson.
8	Cropper's Hill	Eccleston	James Radley.
9	Gerard's Bridge	Windle	Caldwell and Thompson.
10	Glade Hill	Parr	John and Thomas Johnson.
11	Halsnead	Whiston	Richard Willis.
12	Hardshaw	Hardshaw	John Middlehurst.
13	Haydock	Ashton-in-Makerfield	Rich. Evans and Sons.
14	High Brook	Do.	Wright, Taylor, and Mercer.
15	Laffak	Parr	John and Thomas Johnson.
16	Lower Garswood	Ashton-in-Makerfield	Bromilow, Brother, and Sothern.
17	Parr Stocks	Parr	Johnson, Werninck, and Co.
18	Prescot	Prescot	John Yates and Company.
19	Prescot Brook	Huyton	David Bromilow and Company.
50	Ravenhead	Sutton	Bromilow, Haddock, and Co.
21	Riding Lane	Ashton near Warrington	Joseph Ashton.
22	Royal	Eccleston	David Bromilow and Company.
23	St. Helen's	Sutton	Crown Glass Company.
24	Sankey Brook	Parr	Sankey Brook Colliery Compy.
25	Sutton	Sutton	Bournes and Robinson.
26	Union	Eccleston	James Radley.
27	Whiston, or Paradise	Whiston near Prescott	John Yates and Company.
		WIGAN.	
1	Albion	Hindley	John Thomas Wood.

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No.	Name of Colliery.	Where situated.	Owner's Name.
2	Almond Brook	Standish	John Taylor.
3	Amberswood	Ince in Makerfield	Jon. Blundell and Sons.
4	Arley	Arley	Leresche and Company.
5	Arley Hall	Do.	Thomas Jolley.
6	Barley Brook	Wigan	Barley Brook Colliery Company.
7	Bickershaw	Abram and Leigh	Ackers, Whitley, and Company.
8	Birkett Bank	Wigan	John Part.
9	Bispham	Billinge	Wm. Hill Brancker and Company.
10	Bottling Wood	Wigan	James Lancaster.
11	Bradley	Standish	Richard Fisher.
12	Bradshaw House	Aspull	John Johnson.
13	Broomfield	Standish	Broomfield Colliery Company.
14	Castle Hill	Hindley	John Bleasdale.
15	Clap Gate	Pemberton	Henry Harrison Clap.
16	Crook	Standish	Crook Colliery Company.
17	Douglass Bank	Wigan	John Ashton Case.
18	Four Lane Ends	Shevington	Wm. Barton.
19	Gidlow Lane	Wigan	Do,
20	Gidlow and Swinley	Do.	Executors of late Josh. Rylands.
21	Greenslate	Shevington	Chas. Scarisbrick.
22	Haigh	Haigh and Aspull	Earl of Crawford and Balcarres.
23	Hawkley	Pemberton	—
24	Hindley	Hindley and Ince	Kirkless Hall Colliery Company.
25	Hindley Green	Hindley	John Scowcroft and Company.
26	Do.	Do.	Executors of late Robt. Worsley.
27	Holme House	Wigan	Henry Woods.
28	Hosier House	Ince in Makerfield	Thomas Gidlow.
29	Hunger Hill	Wrightington	William Barton.
30	Ince Hall	Do.	Executors of J. Whaley.
31	Ince Hall	Ince	Kay and James.
32	Ince Hall Coal and Cannel Works.	Do.	Ince Hall Coal and Cannel Company.
33	Kirkless	Aspull	Representatives of R. A. Thickness, M.P.
34	Kirkless Hall	Do.	Kirkless Hall Coal Company.
35	Little Westwood	Ince in Makerfield	James Kay.
36	Low Hall	Hindley	Moss Hall Coal Company.
37	Meadows House	Wigan	Anthony Eccles.
38	Mesnes	Do.	Jonathn. Blundell and Son.
39	Moss Hall	Ince in Makerfield	Moss Hall Coal Company.
40	Do.	Do.	Nuttall and Caldwell.
41	Moss House	Pemberton	Executors of late J. Whaley.
42	New Town	Do.	Jonathan Lamb.
43	Norley Hall	Do.	Norley Hall Coal Company.
44	Pemberton	Do.	John Stephen.
45	Do.	Do.	Jonathan Blundell and Son.
46	Phœnix	Shevington	Thomas Haughton.
47	Platt Bridge	Ince in Makerfield	
48	Rose Bridge	Do.	Case and Morris.
49	Shevington	Shevington	John Tayleur and Company.
50	Smith's Lane	Abram	Tickle and Company.
51	Spring	Ince in Makerfield	Thomas Pearson.
52	Standish Lower Ground	Standish	John Taylor.
53	Stonehouse	Pemberton	Thomas and Thomas Fisher.
54	Strangeways Hall	Hindley	Strangeways Hall Coal Company.
55	Strawberry	Billinge	Ed. Birchall (Manager).
56	Victoria	Standish	John Taylor

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No.	Name of Colliery.	Where situated.	Owner's Name.
57	Walthew House	Pemberton	Wm. Hill Brancker and Company.
58	Whelley	Wigan	Earl of Crawford.*
59	Winstanley	Winstanley	Meyrick Banks.

CHESHIRE.

1	Adlington	Adlington, near Stockport	Recently re-opened.
2	Back Lane	Newton	Executors of Geo. Wooley.
3	Bakestone Dale	Pott Shrigley, Macclesfield.	Matthew Gaskell.
4	Bayley Field	Mottram	T. Jas. and John Ashton.
5	Beristow Day Eye	Pott Shrigley, Macclesfield	Peter Vere, jun.
6	Bredbury Black Mine	Bredbury, Stockport	Jonathan and Ann Jowett.
7	California Day Eye	Rainow, Macclesfield	Peter Nere, sen.
8	Dane	Wildboarclough, Macclesfield	Thos. Speakman.
9	Dukinfield	Dukinfield, Stockport	Dukinfield Coal Company.
10	Do.	Do. do.	F. D. P. Astley.
11	Dunkirk	Do. do.	Dunkirk Coal Company.
12	Hockerley	Whaley	Thos. Srigley.
13	Hough Hole Day Eye	Rainow Macclesfield	Jesse Ainsworth.
14	Hyde	Hyde	Leigh and Bradbury.
15	Litte Neston	Neston-on-Dee	B. Chandler.
16	Lower Sponds Day Eye	Lyme, Prestbury	John Johnson.
17	Lymer Clough	Rainow, Macclesfield.	Humphrey Swindells.
18	Macclesfield Common	Macclesfield	Executors of late Chas. Cook.
19	Middle Cale	Lyme, Prestbury	Representatives of late Thomas Brocklehurst.
20	Ness	Great Neston (on the Dee)	Rowland Errington.
21	Norbury	Norbury, near Stockport	Clayton and Brooke.
22	One House	Near Macclesfield	Jaspar Hooley.
23	Pott Brick Works	Pott Shrigley, Macclesfield	Geo. Lambert.
24	Poynton and Worth	Poynton, near Stockport	Hon. Lord Vernon.
25	Roe Wood	Macclesfield	Geo. Needham.
26	Sponds	Lyme, Prestbury	James Jackson.
27	Do.	Lyme Handley, Prestbury	Job Ennion.
28	Staley Bridge	Staley Bridge	
29	Whaley	Texal	John Wm. Brothman.
30	Woodend Day Eye	Disley, Stockport	Ralph Bower

* Closed October 1854, the mine being exhausted.

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No.	Name of Colliery.	Where situated.	Owner's Name.
	SHROPSHIRE.		
1	Asterley	Wellington	
2	Barrow	,,	John Onions.
3	Broseley	,,	Wm. Exley.
4	Benthall	,,	Ed. Bathurst.
5	Broseley	,,	Hiram Hill.
6	Do.	,,	Richard Evans.
7	Do.	,,	J. Foster.
8	Do.	,,	Wm. Holmes.
9	Do.	,,	Geo. Langford.
10	Clee Hills	,,	Beriah Botfield.
11	Dark Lane	,,	Do.
12	Dawley Bank	,,	Coalbrookdale Company.
13	Donnington Wood	,,	Littleshall Company.
14	Horsehays	,,	Coalbrookdale Company.
15	Hinks Hay	Dawley	B. Botfield.
16	Ketley	,,	Ketley Company.
17	Do.	,,	Do.
18	Langley	,,	Thos. Hinde and Company.
19	Langley Fields	,,	Do.
20	Lawley	,,	Coalbrookdale Company.
21	Lawley Bank	,,	Do.
22	Lightmoor	,,	Do.
23	Lodge	,,	Lilleshall Company.
24	Lebotwood	,,	Jas, Smith.
25	Madeley Court	,,	W. O. Foster.
26	Madeley Wood	,,	Reynolds and Anstice.
27	Malinslee and Stirchlee	,,	Beriah Botfield.
28	Old Park	Shiffnall	Do.
29	Parkfields (in Staffordshire)	,,	Do.
30	Penylan	Oswestry	Messrs. Croxon.
31	Do.	,,	—
32	Presgwynne	,,	Do.
33	Prior's Lee	Wellington	Lilleshall Company.
34	Raspass	,,	Patten and Plimley.
35	Shorthill	Oswestry	W. Ward.
36	Westbury	Shrewsbury	Jos. Dickenson.
37	Woombridge	Wellington	A. Peplow.
38	Do.	,,	Thos. Davis.
39	Do.	,,	Jno. Bennett.
40	Do.	,,	Lilleshall Company.
41	Wrockardine	,,	Do.
42	Working the outcrops of the coal, chiefly for brick-kilns	,,	Aston and Hill.
43	Do.	,,	R. and J. Cox.
44	Do.	,,	Thos. Davis.
45	Do.	,,	Theos. Doughty.
46	Do.	,,	T. and E. Burton.
47	Do.	,,	Rowlands and Son.
48	Do.	,,	Davis, Lloyd, and Davis.
	GLOUCESTERSHIRE AND SOMERSETSHIRE.		
	FOREST OF DEAN.		
1	Addis Hill Level	Nail Bridge	W. Crawshay.
2	Bailey Hill Level	Bailey Hill	J. H. Warman.
3	Bilson	Bilson	Aaron Goold and Company
4	Bixsdale	Barn Hill	David Mushet.

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No.	Name of Colliery.	Where situated.	Owner's Name.
5	Brooming Hold	Berry Hill	J. Nelmes.
6	Bridewell	Do.	Gwillam and Biby.
7	Churchway	Serridge	Timothy Bennett.
8	Collingwood	Do.	Edmund Hale and Company.
9	Cross Knave	Berry Hill	John Nelmes and Company.
10	Cooper's Level	Abbot's Wood	J. Roberts and others.
11	Crump Meadow	Crump Meadow	Aaron Goold and Company.
12	Edenwall	Coleford	Henry Burgess.
13	Gentleman Collier's	Do.	T. Hawkins and Teague.
14	Haywood	Bilson	W. Crawshay.
15	Lightmoor	Lightmoor	W. Crawshay.
16	Nags Head	Yorkley	Harper and Moore.
17	Nelson	Serridge	Thomas and Timothy Bennett.
18	New strip and at it	Do.	James and Henry Harris.
19	Norchard	Lydney	James Morell.
20	Oaken and Churchway	Park End	J. Matthewman.
21	Old Croft Level	Old Croft	W. Morgan and Company.
22	Paragon	Bilson	Paragon Company.
23	Park End	Park End	Edw. Protheroe.
24	Pluckpenny	Dubbrook	J. T. Woodhouse.
25	Pluckpenny No. 2	Moseley Green	Henry Phipps and Company.
26	Potlid	Hopewell Valley	Peter Teague and Company.
27	Princess Royal	Brean Eaves	Thomas Dyke.
28	Quidchurch	Ruspidge	W. Corbett.
29	Regulator	Bilson	Timothy Bennett.
30	Riddings Level	Ruerdean	John Knight and Company.
31	Speedwell High Delf	Staple Edge	John Davis and Company.
32	Spero	Bilson	Paragon Company.
33	Success	Dark Hill	Trotter, Thomas, and Co.
34	Thatchpit	Coleford	John Lewis.
35	Victory	Bilson	Timothy Bennett.
36	Vellett's Level	Howler's Slade	Trotter, Thomas and Co.
37	Whitecroft	Whitecroft	Harper and Moore.
38	Wimberry	Hopewell Valley	Peter Teague and Company.
39	Wirrall or Upper Success	Dark Hill	Trotter, Thomas, and Co.
40	Worrall Hill	Camomile Hill	William Lewis.
	Bristol Coal Field.		
1	Ashton Vale	Near Bristol	Baynton, Knight, and Co.
2	Bedminster Works	"	Old Bedminster Coal Company.
3	Branch Huish	"	John Smith and Company.
4	Brandy Bottom	"	Jefferis, Walters, and Co.
5	Brays Down	"	Wait, Savage, and Co.
6	Camerton	"	Pickwick, Davis, and Co.
7	Clandown	"	Jas. Hill and Company.
8	Coal Barton	"	John Fussell.
9	Coalpit Heath Works	"	Coalpit Heath Company.
10	Conygre	"	Smith, Samborne, and Co.
11	Cromhall	"	Earl Ducie.
12	Crown	"	W. Marsden.
13	Easton	"	Leonard, Boulton, and Co.
14	Farington Gurney	"	Perrins, Hollwey, and Co.
15	Fry's Bottom	"	Dudding, Collins, and Co.
16	Golden Valley	"	Brain and Company.
17	Grayfield	"	Mogg and Company.
18	Grove Pit	"	Samborne, Smith, and Co.
19	Hayswood	"	Do.
20	Hill	"	Rawlins and Dickson.
21	Hole Lane Works	"	Leonard, Jefferis, and Co.

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No.	Name of Colliery.	Where situated.	Owner's Name.
22	Kingswood Works -	Near Bristol -	Geo. Brain and Company.
23	Lower Ham - -	,,	Capp, Dixon, and Co.
24	Malaga Vale - -	,,	Stuckey's Bankers.
25	Nailsea Works - -	,,	White and Company.
26	Do. - -	,,	Farler and Sons.
27	Nettlebridge - -	,,	Sir John Hippisley.
28	New Welton - - -	,,	Savage, Hollway, and Co.
29	North Side - -	,,	Stuckey's Bankers.
30	Norton Down - -	,,	Savage, Parsons, and Co.
31	Old Welton - -	,,	Do.
32	Parkfield Works - -	,,	Wethered, Cossham, & Wethered.
33	Paulton Engine - -	,,	Evans, Hill, and Co.
34	Pennywell Road - -	,,	Chick, Keeling, and Co.
35	Pyll Marsh - - -	,,	Morgan, Walker, and Reynolds.
36	Radford - - -	,,	Savage, Mogg, and Co.
37	Radstock Works - -	,,	Countess of Waldegrave.
38	Simon Hill - -	,,	Capt. Dixon and Company.
39	Soundwell Works - -	,,	Messrs. Whittuck.
40	Stapleton - - -	,,	John Monk.
41	Timsbury - -	,,	George Feare.
42	Vobster - - -	,,	Executors of T. Fussell.
43	Withey Mills - -	,,	Samborne, Smith, and Co.
44	Writhlington - - -	,,	John Smith and Company.
45	Yate Works - -	,,	Long, Keeling, and Nowell.
	DEVONSHIRE.		
1	Bideford Anthracite - -	Bideford -	Bideford Anthracite Company. (Messrs. Thorne, Maxwell, Brazinton, & Co.)
2	Bovey Tracey Brown Coal Mine	Bovey Tracey -	John Divett.
	WALES.		
	NORTH WALES.		
	ANGLESEA.		
1	Berw - - -	Llanidan, Berw -	Anglesea Coal Company.
2	Berw y Chaf - -	Llanfihangel Berw	Hugh Hughe and Son.
3	Glantreath - - -	Trefdraith, Berw -	Do.
4	Pont Marquis - -	Do. do.	Pont Marquis Colliery Company.
5	Tai Herion - - -	Llanfihangel, Berw	Hugh Hughe and Son.
	FLINTSHIRE.		
1	Altami - - -	Northope, Mold -	Catheral and Company.
2	Bagillt - - -	Bagillt, Holywell	Wilson, Maxwell, and Co.
3	Bath - - -	Flint - -	Charles Dean.
4	Bistre - - -	Mold - -	Samuel Jones.
5	Broncoed - - -	Do. - -	Lloyd and Shepherd.
6	Bromfield - - -	Do. - - -	Rev. B. Crompton.
7	Bryn - - -	near Mostyn, Llanassa -	Edward Price and Company.
8	Bryn Golen - - -	Flint - -	Robert and David Jones.
9	Bryn-y-Bil - -	Mold - -	Bryn-y-Bil Company.
10	Buckleigh - - -	Hawarden -	John Williams and others.
11	Coad Talon and Leeswood -	Mold - -	Edward Oakley.
12	Coleshill - - -	Bagilt, Holywell -	W. Jones and Company.
13	Coppee - - - -	Pont Blyddyn, Mold	Tyrrell, Comber, and Smith.
14	Cornist - - -	Flint - -	W. Thos. Ellis.

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No.	Name of Colliery.	Where situated.	Owner's Name.
15	Englefield and Trevo	Holywell	Parry, Jones, and Co.
16	Ewloe	Hawarden	Hancock and Company.
17	Ewloe	Do.	John Williams and others.
18	Ewloe Hall Colliery	Do.	Sir G. R. Prescott, Bart., W. Leach, and W. Meshams.
19	Flint	Flint	Eyton Brothers.
20	Flint Marsh and Gwaithy-Coed	Flint	Flint Marsh Colliery Company.
21	Galchog	Northope Mold	Bolton and Swindells.
22	Mold Town	Mold	Mold Town Colliery Company.
23	Mostyn	Mostyn	James Thomas Cookney.
24	Nant Mawr	Do.	Hancock and Company.
25	Rhyd Galed	Mold	C. Rixon Fielding.
26	South Mostyn or Lletty	Mostyn	Eyton and Company.
27	Tryddyn	Mold	Haworth and Thompson.
28	Tryddy Farm	Do.	Thomas Baker May.
29	Tryddyn Mill	Do.	Tryddyn Mill Company.
30	Broadway Colliery	Do.	Thomas Williams and Company.

DENBIGHSHIRE.

1	Aber Dervyn	Ponkey, Ruabon	Thomas Williams and Company.
2	Afoneitha	Ruabon	R. Williams, Wm. Hughes, and John Lloyd.
3	Black Park	Chirk	Representatives of T. E. Ward.
4	Brymbo	Wrexham	Brymbo Coal and Iron Co.
5	Bryn Malley	Do.	Bryn Malley Colliery Company.
6	Bryn-y-felyn	Ruabon	Daniel Owen and Sons.
7	Bryn-yr-Owen	Do.	John Taylor and Sons.
8	Christionydd	Do.	Representatives of T. E. Ward.
9	Do.	Do.	Edward Morris.
10	Coed Poeth	Wrexham	John Burton.
11	Do.	Do.	Jonathan Jones and Company.
12	Dolydd	Vale of Llangollen	Dolydd Company.
13	Frood	Wrexham	Frood Iron Company.
14	Gardden Lodge	Ruabon	George Walmesley.
15	Groes	Do.	Jonathan Davis and Company.
16	Pant	Pentre Christionydd, Ruabon	R. C. M. Wright.
17	Pentre Bychan	Ruabon	Gomar Roberts and Company.
18	Plasissa	Do.	Samuel Giller.
19	Plaskynaston	Cefn, Ruabon	Thomas Ed. Ward.
20	Ruabon	Ruabon	New British Iron Company.
21	Ruabon Coal and Coke Works	Do.	Ruabon Coal and Coke Co.
22	South Sea	Wrexham	South Sea Company.
23	Vron	Do.	Maurice and Low.
24	Westminster	Do.	Westminster Coal Company.
25	Wynn Hall	Ruabon	William Kenrick.

SOUTH WALES.

Anthracite Districts of Glamorganshire and Pembrokeshire.

1	Abercrave	Near Swansea	Thomas Walters.
2	Abernant	Do.	R. Evans.
3	Aberpergwn	Near Neath	W. Williams.
4	Amman Levels	Near Swansea	Amman Iron Company.
5	Blaengwrach	Near Neath	Aberdare Iron Company

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No.	Name of Colliery.	Where situated.	Owner's Name.
6	Brynamman	Near Swansea	Llewellyn and Sons.
7	Bynea	Do.	J. Bateman.
8	Cae Grobos	Do.	G. B. Morris.
9	Canal Incline	Do.	Watney and Company.
10	Clynboydy	Do.	J. Strick.
11	Cwmamman Works	Do.	Morgan and Son.
12	Cwmllynfell	Do.	J. Strick.
13	Cwmtwrch	Do.	Evan Jones.
14	Cyfing	Do.	Thos. Walters.
15	Dyffryn	Do.	J. Strick.
16	Garnant	Do.	Perkins and Sons.
17	Gelly Ceidrim	Do.	Charles Morgan.
18	Gorsgoch	Do.	Wm. Sayes.
19	Gwendraeth	Do.	Watney and Company.
20	Hendreforgan	Do.	R. W. Williams.
21	Level Vawr	Do.	Charles Morgan.
22	Lion	Do.	Christopher James.
23	Lone	Do.	J. Strick.
24	Maes y Marchwg	Near Neath	Penrose and Starbuck.
25	Maesquarrey	Near Swansea	William and Company.
26	Nant Main	Do.	Thomas Strick.
27	Onllwyn	Do.	Llewellyn and Sons.
28	Pantygraig	Near Neath	Penrose and Starbuck.
29	Pentwyn	Near Swansea	C. Morgan.
30	Pentyclerc	Do.	Petto and Betts.
31	Pwllfarron	Near Neath	Neath Abbey Coal Company.
32	Pwllylord	Near Swansea	David Lloyd.
33	Raven	Do.	J. Strick.
34	Star Trinsaran	Do.	Harris and Company.
35	Trichwarth Ponthenry	Do.	
36	Wuncaegerwen	Do,	J. Kirkwood.
37	Ynysarwod	Near Neath	Penrose and Starbuck.
38	Ynyscedwin Works	Do.	Ynyscedwin Iron Company.
39	Ynysygeinon Works	Near Swansea	Thos. Walters.
40	Ystalyfera Works	Do.	Ystallyfera Iron Company.
41	Ystradhirwen	Do.	Cardiff Company.
1	Anikell, Redbarth, and Bolton Hill	Pembrokeshire	J. Williams.
2	Begelly	,,	Pocock and Company.
3	Broadhaven Slash	,,	Thomas and Canton.
4	Bonville Court Works	,,	Messrs. Myers.
5	Broadmoor	,,	Spencer and Cope.
6	Cardmaker's Pool	,,	Enoch Barrah.
7	Crane	,,	John Prout.
8	Falkestone and Trevan	,,	Thomas and Canton.
9	Freystrop	,,	Sir John Pakington.
10	Hook	,,	Harcourt Powell.
11	Island	,,	George Tennant.
12	Johnson	,,	Enoch Barrah.
13	Kilgetty Works	,,	Pembrokeshire Iron and Coal Co
14	Landshipping	,,	Colonel Owen.
15	Moor	,,	Pocock and Company.
16	Moreton	,,	Moreton Coal Company.
17	Sprinkle and Nash	,,	G. L. Phillips.
18	Thomas Chapel Works	,,	Pembrokeshire Iron and Coal Co.
19	Wood and Southwood	,,	Thomas Waters.

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No.	Name of Colliery.	Where situated.	Owner's Name.
	BITUMINOUS AND FREEBURNING COAL DISTRICTS.		
1	Aberamman	Aberdare	David Williams.
2	Do.	Do.	Crawshay Bailey.
3	Abercarne Works	Monmouthshire	Abercarn and Gwythen Coal Company.
4	Aberdulais	Near Swansea	Wm. Llewellyn and Company.
5	Abergwawr	Aberdare	Powell and Protheroe.
6	Aberlogin		Rev. S. Phillips.
7	Abernant	Aberdare	Fothergill and Company.
8	Abernantygroes	Do.	Thomas Powell.
9	Abersychan Works	Monmothshire	Ebbw Vale Iron Company.
10	Argoed	Do.	Tredegar Iron Company.
11	Baglan		Thomas and Williams.
12	Barcella	Monmouthshire	Cope and Latch.
13	Beaufort Works	Do.	Bailey Brothers.
14	Bedwas	Do.	J. P. Price.
15	Bettws	Bridgend	H. Cossham and Company.
16	Biggin		Walter Hugh and Company.
17	Birchgrove	Near Swansea	Davey and Pegg.
18	Blaenacwm		Williams and Phillips.
19	Blaenavon Works	Monmouthshire	Blaenavon Iron and Coal Compy.
20	Blaenant	Near Aberdare	Fothergill and Company.
21	Blaengwawr	Do.	David Davies.
22	Box	Near Llanelly	Sims, Willyams, Neville, and Co.
23	Brithdir		Brithdir Coal and Coke Compy.
24	Britton Ferry	Glamorganshire	J. Williams.
25	Brombill	Do.	Vivians and Sons.
26	Bryn	Do.	Governor and Company of Copper Miners.
27	Bryncoch	Near Neath	Neath Abbey Coal Company.
28	Bryndewy	Do.	Do.
29	Bryndu Works	Glamorganshire	G. S. Ford and Sons.
30	Bryngwyn	Near Llanelly	Sims, Willyams, Neville, and Co.
21	Bryn Ore		Bryn Ore Tram Road Company.
32	Buttery Hatch	Monmouthshire	Thomas Powell.
33	Cadoxton	Near Neath	Reynolds and Company.
34	Caergynydd	Near Llanelly	Stanley and Company.
35	Carasddu	Near Neath	T. Gronow.
36	Caraway		Abraham and Edwards.
37	Carngethin	Monmouthshire	Crawshay Bailey.
38	Castelwiver		Wm. Davis.
39	Cefn Cwsc Works	Near Bridgend	North British Banking Compy.
30	Church		Messrs. Protheroe.
41	Clase	Near Swansea	Jones and Davis.
42	Coalbrook Vale Works	Monmouthshire	Coalbrook Vale Company.
43	Court Herbert	Near Neath	John Parsons.
44	Cwm	Near Swansea	Swansea Coal Company.
45	Cwm amman	Aberdare	Shepherd and Evans.
46	Cwm Avon Works	Glamorganshire	Governor and Company of Copper Miners.
47	Cwmbach	Aberdare	Wayne, David, and Co.
48	Cwmbrain Works	Monmouthshire	John and Habakkuk.
49	Cwmcelyn and Blaina	Do.	Cruttwell, Allies, and Co.
50	Cwmdare	Aberdare	David Williams.
51	Cwm Du		John Parsons.
52	Cwmgrach		Jervas and Wood.
53	Cwm Mawr		Rev. Thos. Parry.
54	Cwm Myrddarch		Brithdir Coal and Coke Compy.

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No.	Name of Colliery.	Where situated.	Owner's Name.
55	Cwmneol	Aberdare	Carr and Morrison.
56	Cwmtelery	Monmouthshire	John Russell.
57	Cwmtillery	Do.	J. P. Price.
58	Do.	Do.	Thomas Powell.
59	Cwmsaerbron	Glamorganshire	Marquis of Bute.
60	Cyfarthia Works	Do.	William Crawshay and Sons.
61	Cymmer	Do.	Insole and Sons.
62	Dandiri	Do.	Thomas and Joseph.
63	Deep Dyffryn	Do.	David Williams.
64	Dinas Works	Do.	Hunt and Company.
65	Dowlais Works	Do.	Dowlais Iron Company.
66	Eaglesbush	Near Neath	Geo. Penrose.
67	Ebbw Vale Works	Monmouthshire	Ebbw Vale Iron Company.
68	Eskyn	Near Neath	Geo. Penrose.
69	Farm	Monmouthshire	Messrs. Prothero.
70	Gadlys Works	Aberdare	Wayne and Company.
71	Garth		Evan Jones.
72	Gelligaer	Glamorganshire	Thomas Powell.
73	Gelligaer Works	Do.	Dowlais Iron Works.
74	Gelly	Near Llannelly	Sims, Willyams, Neville, and Co.
75	Gellydeg		Rees Price.
76	Gethin	Merthyr Tydfil	Wm. Crawshay and Sons.
77	Gilvach Bargoed	Monmouthshire	Cope and Latch.
78	Gilvach	Do.	Phillips and Prothero.
79	Glanddu	Do.	Cope and Latch.
80	Glyn		William Thomas.
81	Glynog Vawr		Matthews and Davis.
82	Golynos Works	Monmouthshire	Crawshay Bailey.
83	Gorse	Near Llanelly	Sims, Willyams, Neville, and Co.
84	Do.	Near Swansea	Richard and Glassbrook.
85	Gorwydd		Padley and Williams.
86	Graig Colliery		William Rees.
87	Graigola	Near Swansea	Benson, Price, and Parsons.
88	Gwrhay		Roger Lewis.
89	Henllis		Wm. Crawshay and Sons.
90	Hirwaun Works	Aberdare	Hanson and Company.
91	Kendon		Edmund Jones.
92	Kilraymont	Near Swansea	W. F. Brown.
93	Landore	Do.	Richard and Glassbrook.
94	Llancaiach	Glamorganshire	Gamester and Worthington.
95	Llandafen	Near Llanelly	Sims, Willyams, Neville, and Co.
96	Llansamlet	Near Swansea	C. H. Smith.
97	Llantwit Works	Glamorganshire	Thomas Powell.
98	Llettyshenkin	Aberdare	Mrs. Rees.
99	Llwyncelyn	Glamorgan	David James.
100	Llynvi Works	Do.	Llynvi Iron Company.
101	Llyspentwyn	Monmouthshire	Thos. Powell.
102	Lower Dyffryn	Aberdare	Do.
103	Machen Works	Monmouthshire	Machen Coal Company.
104	Maesteg Works	Do.	R. P. Lemon and Co.
105	Main	Near Neath	Neath Abbey Coal Company.
106	Mainhole	Monmouthshire	Sir Thomas Phillips.
107	Melincourt	Near Neath	J. W. Lyons.
108	Meredith's Level		Wm. Meredith.
109	Middle Dyffryn	Aberdare	Thos. Powell.
110	Millwood	Near Swansea	Major C. Phillips.
111	Morfa	Glamorganshire	Vivian and Sons.
112	Mountain Ash	Aberdare	Jenkin Williams.
113	Mynydd bach y glo	Near Swansea	W. P. Struvé.
114	Mynydd Newydd	Do.	Swansea Coal Company.

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No.	Name of Colliery.	Where situated.	Owner's Name.
115	Nanty glo Works	Monmouthshire	Bailey Brothers.
116	Newbridge	Near Cardiff	Fowler Brothers.
117	New Lodge	Near Llanelly	Mason and Elkington.
118	New Tredegar	Monmouthshire	Thomas Powell.
119	North	Do.	Wm. Harries.
120	Oakwood	Glamorganshire	Governor and Company of Copper Miners.
121	Old Castle	Near Llanelly	Sims, Willyams, Neville, and Co.
122	Pembrey	Do.	J. Stanley and Company.
123	Penbryn	Do.	Loder and Arthur.
124	Pencoed	Do.	Sims, Willyams, Neville, and Co.
125	Penclawd	Near Swansea	Starling Benson.
126	Penllwyngwyn	Near Llanelly	Llangennech Coal Company.
127	Penllwyn	Monmouthshire	Thomas Powell.
128	Pentrefelin	Near Swansea	Swansea Coal Company.
129	Pentyrch	Near Cardiff	—
130	Pentyrch Works	Do.	T. W. Booker.
131	Penycoedcae		Carr and Company.
132	Penydarran Works	Merthyr Tydfil	Penydarran Iron Company.
133	Penyvan	Monmouthshire	Thos. Powell.
134	Plas Bedwellty	Do.	Messrs. Prothero.
135	Plymouth Works	Merthyr Tydfil	Antony Hill.
136	Pontypridd	Glamorganshire	Calvert and Company.
137	Pontypool Works	Monmouthshire	Pontypool Iron Company.
138	Porth		Joseph and Jones.
139	Primrose	Near Neath	G. Lewis and Company.
140	Resolven	Do.	Jones and Jenkin.
141	Respidge		Wm. Crawshay and Sons.
142	Rheola	Near Neath	J. W. Lyons.
143	Rhoswen		Messrs. Marshall.
144	Rhymney Works	Monmouthshire	Rhymney Iron Company.
145	Risca Works	Do.	Risca Coal Company.
146	Rock	Do.	Rock Coal Company.
147	Saints		Jones and Company.
148	Scirwaun		Thos. Morgan.
149	Skewen	Near Swansea	John Parsons.
140	Sirhowy Works	Monmouthshire	Ebbw Vale Iron Company.
151	St. David	Near Llanelly	Llangennech Coal Company.
152	St. George	Do.	J. Stanley and Company.
153	Techon	Do.	English and Australian Copper Company.
154	Tondu Works	Near Bridgend	Messrs. Brogden.
155	Tonmawr		Weymouth and Green.
156	Tophill	Monmouthshire	W. S. Cartwright.
157	Tor y mynydd	Glamorganshire	Margam Tin Company.
158	Townhill	Swansea	D. H. Rees.
159	Trecastle	Glamorganshire	Glamorganshire Coal Company.
160	Tredegar Works	Monmouthshire	Tredegar Iron Company.
161	Tregwyn		William Gregor.
162	Trinant		Carr and Company.
163	Troedyrhiw Level	Glamorganshire	Ed. Bowen.
164	Trwddfa	Near Swansea	William Jones.
165	Tyr Adam		Messrs. Prothero.
166	Tyrcenol	Near Swansea	Swansea Coal Company.
167	Tylyn y lwyn		Thomas Thomas.
168	Van	Near Cardiff	J. Edmonds.
169	Varteg Works	Monmouthshire	John Vipond.
170	Venalt	Glamorganshire	Aberdare Iron Company.
171	Victoria Works	Monmouthshire	Ebbw Vale Company.
172	Upper Dyffryn	Aberdare	Thomas Powell.

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No.	Name of Colliery.	Where situated.	Owner's Name.
173	Upper Rock		John Yem.
174	Waterloo	Monmouthshire	W. S. Cartwright.
175	Waunmiskin	Near Cardiff	David Jones.
176	Waun Thomas		Wm. Clement and Company.
177	Waun Vawr		Russell and Company.
178	Waynwylt		Graig Coal Company.
179	Weeg	Near Swansea	Richard and Glassbrook.
180	Weegfach	Do.	Gregor and Company.
181	Werfa	Aberdare	Nixon and Company.
182	Wernfawr		Rev. J. Pugh.
183	White Rose		Marshall, Knowles, and Co.
184	Woodfield	Monmouthshire	Thomas Powell.
185	Ysguborwen	Glamorganshire	Thomas and Joseph.
186	Ystradyfodwg	Do.	Marquis of Bute.

SCOTLAND.

LANARKSHIRE.

1	Bishopbriggs	Glasgow	William Dixon.
2	Blackhill	,,	Wilsons and Company.
3	Calder	,,	Carron Company.
4	Dalmarnock	,,	Geo. Wilson.
5	Govan	,,	William Dixon.
6	High Possil	,,	Colin Dunlop and Company.
7	Jordanhill	,,	John Pearson.
8	Kelvinside	,,	Montgomerie and Fleming.
9	Kenmure	,,	Wilsons and Company.
10	Keppoch	,,	Do.
11	Possil	,,	Do.
12	Rockhill	,,	Montgomerie and Fleming.
13	Rutherglen Muir	,,	William Dixon.
14	Skatterigg	,,	John Pearson.
1	Bankhead	Rutherglen	McNaughtan and Hood.
2	Cambuslang	,,	Archibald Russell.
3	Eastfield	,,	J. G. Buchanan.
4	Farm	,,	James Fairrie.
5	Fullarton	,,	Colin Dunlop and Company.
6	Hamilton Farm	,,	Do.
7	Newton	,,	J. P. Kidston.
8	Rosebank	,,	Colin Dunlop and Company.
9	Silverbank	,,	James Fairi.
10	Spittal	,,	Archibald Russell.
11	Stonelaw	,,	J. R. Reid.
1	Carntyne	Shettleston	James Gray.
2	Do.	,,	Robt. Paterson.
3	Easterhill	,,	Robert Finlay.
4	Kenmuirhill	,,	John Horne.
5	Pricklynmir	,,	Roxburgh and Faulds.
6	Westmuir	,,	R. Gray and Company.
1	Bargeddie	Baillieston	Bartonshill Coal Company.
2	Bartonshill	,,	Do.
3	Blackfaulds	,,	Blochairn Iron Company.
4	Braehead	,,	Chas. Tennant and Company.

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No.	Name of Colliery.	Where situated.	Owner's Name.
5	Bredisholme	Ballieston	John Young.
6	Do.	"	Glasgow Iron Company.
7	Easterhouse	"	Matthew Wallace and Co.
8	Do.	"	James Merry.
9	Ellismuir	"	John Watson.
10	Garthamlock	"	A. and J. Graham.
11	Mount Vernon	"	Andrew Buchanan.
12	Provanhall	"	Glasgow Iron Company.
13	Springhill	"	Andrew Buchanan.
1	Coathill	Coatbridge	Merry and Cunningham.
2	Coats	"	Thomas Jackson.
3	Drafflet	"	Miller and Company.
4	Drumpeller	"	Trustees of John Wilson.
5	Dundyvan	"	Do.
6	Gartgill	"	William Baird and Company.
7	Gartsherrie	"	Do.
8	Gunnie	"	Do.
9	Hayhill	"	Garnkirk Coal Company.
10	Kilgarth	"	Wilsons and Company
11	Nettlehole	"	Miller and Company.
12	Rosehall	"	Eadie, Miller, and Rankin.
13	Do.	"	Eadie and Miller.
14	Summerlee	"	Wilsons and Company.
15	Sunnyside	"	Wm. Baird and Company.
16	Souterhouse	"	Trustees of J. Wilson.
17	Westrow	"	Wilsons and Company.
18	Whifflet	"	Trustees of J. Wilson.
1	Airdriehill	Airdrie	Todd and Colquhoun.
2	Airdrie	"	Wilsons and Company.
3	Avonhead	"	William Jack.
4	Bell's Dyke	"	Lockhart Dobbie.
5	Burnbrae	"	Wm. Baird and Company.
6	Do.	"	Robt. Baird.
7	Calder Iron Works	"	Wm. Dixon.
8	Chapell Hall	"	Monkland Iron and Steel Company.
9	Clarkstone	"	Waddell and Johnston.
10	Clifton Hill	"	Davidson and Adams.
11	Colliertree	"	Trustees of John Wilson.
12	Commonhead	"	James Sneddon.
13	Dalmacouther	"	Wm. Simpson.
14	Drumgrayhill	"	John Aitken.
15	Easter Moffat	"	Johnston and Gilmour.
16	Faskine	"	Wm. Baird and Company.
17	Gavel	"	Patrick Rankine.
18	Garturk	"	Wm. Dixon.
19	Glentore	"	J. Tom.
20	Hallcraig	"	James Kidd.
21	Holehill	"	Robt. Baird.
22	Kipps	"	Robertson and Eadie.
23	Do.	"	Roxburgh and Faulds.
24	Kippsbyre	"	Wm. Baird and Company.
25	Moffat Hill	"	Dunn and Company.
26	Millfield	"	James Kidd.
27	Monkland	"	Monkland Iron Company.
28	Palcacecraig	"	Wm. Baird and Company.
29	Rawyards	"	Gavin Eadie.
30	Rochsoles	"	Rochsoles Coal Company.

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No.	Name of Colliery.	Where situated.	Owner's Name.
31	Springbank	Airdrie	John Meason.
32	Stonerigg	"	Wm. Black.
33	Whitehill	"	James Gardiner.
34	Whiterigg	"	William Black.
1	Blackhill	Holytown	
2	Carfin	"	Wm. Dixon
3	Do.	"	Jno. McAndrew.
4	Carnbroe	"	Merry and Cunningham.
5	Do. Old	"	James Merry.
6	Cleland	"	Wm. Dixon.
7	Do.	"	Monkland Iron and Steel Compy.
8	Do.	"	Robert Stuart.
9	Greenhill	"	Robert Young.
10	Legbrannock	"	Monkland Iron and Steel Compy.
11	Mossend	"	Mossend Iron Company.
12	Newarthill	"	John Watson.
13	Stevenson	"	Stevenson Coal Company.
14	Thankerton	"	Wm. Baird and Company.
15	Woodhall	"	Merry and Cunningham.
1	Dalziel	Motherwell	Trustees of Jno. Wilson.
2	Do.	"	Wilsons and Company.
3	Do.	"	Wm. Gray.
4	Jerviston	"	Wilsons and Company.
1	Allanton	Wishaw	Shotts Iron Company.
2	Cairneyhead	"	Do.
3	Cambusnethan	"	James Sneddon.
4	Chapel	"	John Aitken.
5	Coltness	"	A. G. Simpson.
6	Do.	"	Boyd and Penman.
7	Do.	"	John Wilson.
8	Coltness Iron Works	"	Coltness Iron Company.
9	Hillhouse-rigg	"	Shotts Iron Company.
10	Morningside	"	David Bennie.
11	Shotts Iron Works	"	Shotts Iron Company.
12	Wishaw	"	Lord Belhaven.
13	Do.	"	Arch. Russell.
14	Do.	"	Robt. Bell.
15	Do.	"	Jno. Watson, jun.
16	Do.	"	Kerr and Pender.
17	Do.	"	Jas. Anderson and Company.
18	Do.	"	Davidson and Corrie.
1	Avonbraes	Hamilton	Orde Adams.
2	Auchinheath	Lesmahagow	Jas. Ferguson.
3	Do.	"	Duke of Hamilton.
4	Birkenshaw	Hamilton	Jas. Bennie.
5	Castlehill Iron Works	Carluke	Shotts Iron Company.
6	Clouch	Carnwath	Thomas Nimmo.
7	Coalburn	Lesmahagow	Allan Forrest.
8	Corney Coup	Douglas	John Patterson.
9	Craignethan	Lesmahagow	Jas. Ferguson.
10	Crutherland	Hamilton	R. S. Cunliffe.
11	Ernock Muir	"	Wm. Dixon.
12	Glespan	Douglas	James Swan.
13	Law	Carluke	J. and T. Barr.
14	Marlidge	Hamilton	Colin, Dunlop, and Co.
15	Pool	Carnwath	John Wright.

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No.	Name of Colliery.	Where situated.	Owner's Name.
16	Quarter	Hamilton	Colin, Dunlop, and Co.
17	Raploch	"	Robert Couper.
18	Riggside	Douglas	James Swan.
19	Woodside	Hamilton	Joseph Hutchison.
20	Waterlands	Carluke	J. and T. Barr.

AYRSHIRE.

1	Auchincruive	Ayr	J. T. Gordon.
2	Ayr Colliery	"	Do.
3	Barganie	"	Joseph Whitefield.
4	Blackhouse	"	J. T. Gordon.
5	Camlary	"	Dallmellington Iron Company.
6	Dalquharran	"	Hon. T. F. Kennedy.
7	Drongan	"	John Ferguson.
8	Dalzielsie	"	James Cooper.
9	Dounieston	"	Dallmellington Iron Company.
10	Ewterkine	"	Bell and Drennan.
11	Gadgirth	"	John Henderson.
12	Minivie	"	Dallmellington Iron Company.
13	Sillyhole	"	Do.
14	Peelhill	"	J. T. Gordon.
15	Sundrum	"	Duncan and Bryden.
1	Alnwick Lodge	Irvine	Merry and Cunningham.
2	Ardeer Iron Works	"	Do.
3	Barr	"	John Dunsmuir.
4	Bartonholm	"	Eglinton Iron Company.
5	Blair Iron Works	"	Do.
6	Boutriehill	"	Young and Black.
7	Burnbrae	"	John Barr.
8	Court Hill	"	Arch. Gray.
9	Dreghorn	"	Arch. Kennet.
10	Dowrie	"	John Barr.
11	Eglinton	"	Arch. Kennet.
12	Eglinton Iron Works	"	Eglinton Iron Company.
13	Fergushill	"	Arch. Fennie.
14	Ghersland	"	T. and J. Oliphant.
15	Glengarnock Iron Works	"	Merry and Cunningham.
16	Kilburnie	"	Trustees of Jas. Jamieson.
17	Long Barr	Irvine	Robt. Wardrop.
18	Perceston	"	P. B. M. Macreddie.
19	Stevenston	"	Merry and Cunningham.
20	Swingridge Muir	"	Do.
1	Barleith	Kilmarnock	John Galloway.
2	Bonnyton	"	Merry and Cunningham.
3	Busbie	"	Archibald Finnie.
4	Caperington	"	J. S Cunningham.
5	Carnilbank	"	Archibald Finnie.
6	Dykehead	"	Portland Iron Company.
7	Do.	"	Dunsmuir and Dunlop.
8	East Thornton	"	Archibald Finnie.
9	Fairley	"	John Gilmour and Co.
10	Gatehead	"	Archibald Finnie.
11	Gauchland	"	Morton and Findlay.
12	Hillhead	"	John Gilmour.
13	Hurlford	"	John Howie.
14	Holmes	"	John Horne.

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No.	Name of Colliery.	Where situated.	Owner's Name.
15	Kilmarnock Colliery	Kilmarnock	Archibald Finnie.
16	Mayfield	,,	Allan Gilmour and Company.
17	Overton	,,	Muir Robertson.
18	Portland	,,	Allan Gilmour and Company.
19	Portland Iron Works	,,	Portland Iron Company.
20	Riccarton	,,	Allan Gilmour and Company.
21	Skirrington	,,	Do.
22	West Thornton	,,	Archibald Finnie.
23	Warrock Hill	,,	Merry and Cunningham.
1	Bank	New Cumnock	New Cumnock Iron Company.
2	Beoch	,,	Do.
3	Birnieknow	Old Cumnock	Trustees of John Wilson.
4	Coalburn	New Cumnock	New Cumnock Iron Company.
5	Common	Old Cumnock	Portland Iron Company.
6	Do.	,,	William Walker.
7	Crossflat	,,	Alexander Aird.
8	Garlaff	,,	Joseph Whitefield.
9	Garallan	,,	Robert Dunsmuir.
10	Gas Water	,,	Trustees of John Wilson.
11	Gilmillscroft	,,	John Ferguson.
12	Glenbuck	,,	Trustees of John Wilson.
13	Lugar Iron Works	,,	Do.
14	Mansfield	New Cummock	Sir J. S. Monteith.
15	Muirkirk Iron Works	Old Cumnock	Trustees of Jno. Wilson.
16	Pathhead	New Cumnock	Archibald Gray and Company.
17	Springhill	Old Cumnock	David Ross.
18	Stipends	,,	Sir James B.
19	Welltrees	,,	Trustees of John Wilson.
20	Wellwood	,,	Do.

FIFESHIRE.

1	Balgonie	Kirkcaldy	Charles Balfour.
2	Beath	Dunfermline	Earl of Murray.
3	Beath, Little	,,	Lochgelly Iron Company.
4	Cameron	Kirkcaldy	J. H. E. Wemyss.
5	Cardinden	,,	Thomas Goodall.
6	Cuttlehill	Dunfermline	John Henderson and Company.
7	Cowdenbeath	,,	Forth Iron Company.
8	Dunniekier	Kirkcaldy	Thomas Knox.
9	Dundonald	Dunfermline	James Naismith.
10	Durie	Kirkcaldy	D. Landale, jun., and Company.
11	Dysart	,,	Earl of Rosslyn.
12	Elgin	Dunfermline	Earl of Elgin.
13	Fordel	,,	G. W. M. Henderson.
14	Hallbeath	,,	John Henderson and Company.
15	Kelty	,,	Earl of Murray.
16	Kenneder, Upper	,,	Forth Iron Company.
17	Lethans	,,	Do.
18	Lochgelly	Kirkcaldy	Lochgelly Iron Company.
19	Lumphinans	Dunfermline	Alexander Christie.
20	Pittencrieff	,,	Forth Iron Company.
21	Townhill	,,	Andrew Christie.
22	Wellwood	,,	Thomas Spowars.
23	Wemyss	,,	J. H. E. Wemyss.
24	Whitfield	,,	Andrew Christie.

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No.	Name of Colliery.	Where situated.	Owner's Name.
1	Balbirnie	Cupar	John Balfour.
2	Burnturk	„	James Thomas.
3	Callange	„	John Skinner.
4	Downfield	„	James Thomas.
5	Grange	„	Robert Keddie.
6	Killie	„	James Wyllie.
7	Kilmux	„	James B. Firnie.
8	Largoward	„	Thomas Brown.
9	Mount Melville	„	Lost, Wilson, and Bell.
10	Teasses	„	David Graham.
	CLACKMANNANSHIRE.		
1	Alloa Colliery	Alloa	Mitchell and Company.
2	Clackmannan	„	Mitchell and Mowbray.
3	Craigrie	„	Devon Iron Company.
4	Davonside	„	Robert Bald.
5	Glenfoot	„	James Johnstone.
6	Kennetpans	„	Francis Greer.
7	Sauchie	„	Mitchell and Company.
8	Woodlands	„	Robert Bald.
	HADDINGTONSHIRE.		
1	Elphinstone	Tranent	Durie and Nisbet.
2	Fountainhall	„	George Henderson.
3	House of Muir	„	Earl of Hopeton.
4	Ormiston Hall	„	Andrew White.
5	Penston	„	John Deans.
6	Pencaitland	„	Do.
7	Prestongrange	„	Sir George G. Suttie.
8	Prestonlinks	„	John Greive.
9	Seton Colliery	Haddington	Joseph Stevenson.
10	St. Germains	Tranent	John Deans.
11	Tranent	„	H. F. Caddell.
	EDINBURGHSHIRE.		
1	Arniston	Dalkeith	John Christie.
2	Brunstane Muir	„	Sir George Clark.
3	Dalkeith	„	Duke of Buccleuch.
4	Edmonstone	Musselburgh	John Wauchope.
5	Muirhousedykes	Dalkeith	David Smith.
6	Newbattle	„	Marquis of Lothian.
7	Oxenford	„	Joseph Whitefield.
8	Pinkie Colliery	Musselburgh	Sir Arch. Hope.
9	Prestonhall	Dalkeith	John Hynd.
10	Vogrie	„	John Christie.
11	Whitehill	„	R. B. W. Ramsay.
	LINLITHGOWSHIRE.		
1	Armadale	Bathgate	Monkland Iron Company.
2	Balbairdie	„	James Hossie.
3	Bathvale	„	G. and T. Watson.
4	Benharr	„	Dundas Simpson.

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No.	Name of Colliery.	Where situated.	Owner's Name.
5	Boghead	Bathgate	Jas. Russell and Son.
6	Broxburn	Linlithgow	Grangemouth Coal Company.
7	Colinshields	Bathgate	Monkland Iron Company.
8	Crofthead	"	Coltness Iron Company.
9	Fauldhouse	"	Wm. Dixon.
10	Grange	Linlithgow	John Caddel.
11	Hopeton	"	James Wylie.
12	Houston	"	Henry Hardie and Company.
13	Kinneil	"	Trustees of John Wilson.
14	Polkemmet	Bathgate	Monkland Iron Company.
15	Torbanehill	"	Jas. Russell and Company.
	STIRLINGSHIRE.		
1	Aronloss	Slamannan	James Watt.
2	Balquhatstone	Do.	John Watson, jun.
3	Banknock	Kilsyth	Wm. Wilson.
4	Bannockburn	Stirling	John Geddes and Company.
5	Bantaskine	Falkirk	John Wilson.
6	Bantone	Kilsyth	David McAllister.
7	Do.	"	John Young and Company.
8	Do.	"	John Bow and Company.
9	Binniehill	Slamannan	John Brown.
10	Bentend	Falkirk	Carron Company.
11	Callender	"	John Wilson.
12	Campsie	Kilsyth	Hurlet and Camsie Alum Company.
13	Carronshore	Falkirk	Carron Company.
14	Connypark	Kilsyth	William Wilson.
15	Cuttiemyre	"	Matthew Wallace and Company.
16	Craigend	Falkirk	James Wingate.
17	Drumclair	Slamannan	John Nimmo.
18	Gardrum	Falkirk	Trustees of John Wilson.
19	Glenfair	"	J. P. Henderson.
20	Glorrat	Kilsyth	James M'Nab.
21	Grangemouth	Falkirk	Grangemouth Coal Company.
22	Greenyards	Stirling	John Geddes and Company.
23	Highland Park	Kilsyth	Rennie and Brown.
24	Jawcraig	Slamannan	William Scott and Son.
25	Lodge	"	John Nimmo.
26	Medowside	Kilsyth	Sir Arch. Edmonstone.
27	New Craig	Slamannan	Naysmith and Fox.
28	Redding	Falkirk	Duke of Hamilton.
29	Riskend	Kilsyth	Matthew Hay and Company.
30	Standrigg	Falkirk	John Wilson.
31	Stonerigg	Kilsyth	John Bow and Company.
32	Strathavon	Slamannan	John Brown.
33	Summerhouse	Falkirk	John Wilson.
34	Townhead	Kilsyth	Matthew Hay and Son.
	DUMBARTONSHIRE.		
1	Barhill	Kilsyth	John Watson.
2	Blairdardie	Dumbarton	Robertson and Harvie.
3	Cowden Hill	"	Wm. Napier.
4	Duntocher	"	Alex. Dunn.
5	Garscube	"	James Barclay and Company.
6	Gartshore	Kilsyth	Matthew Wallace and Company.

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